APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

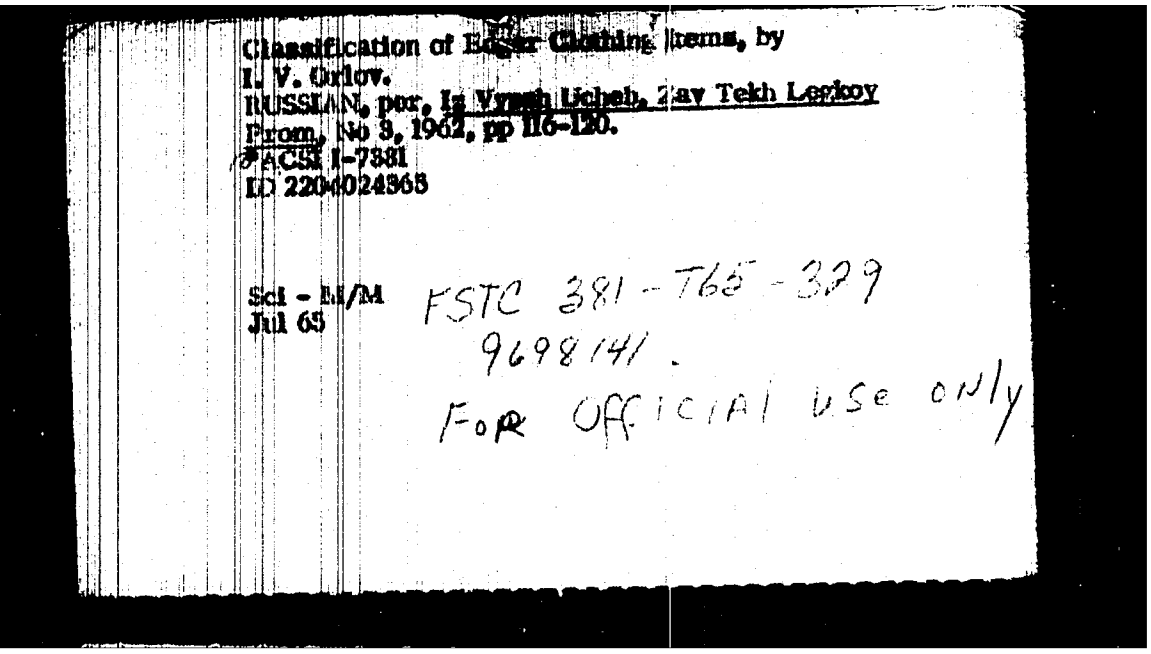
Limiting Wear in Mechanisms, by A. D. Nevskiy, 21 pp
21 pp. FOR OFFICIAL USE ONLY
RUSSIAN, per, Iz VUZ Tekh Legkoy Prom, No 5,
1961, pp 98-116. 9698490
FSTC 381-765-330

Sci - Eng
Nov 65

291-342

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



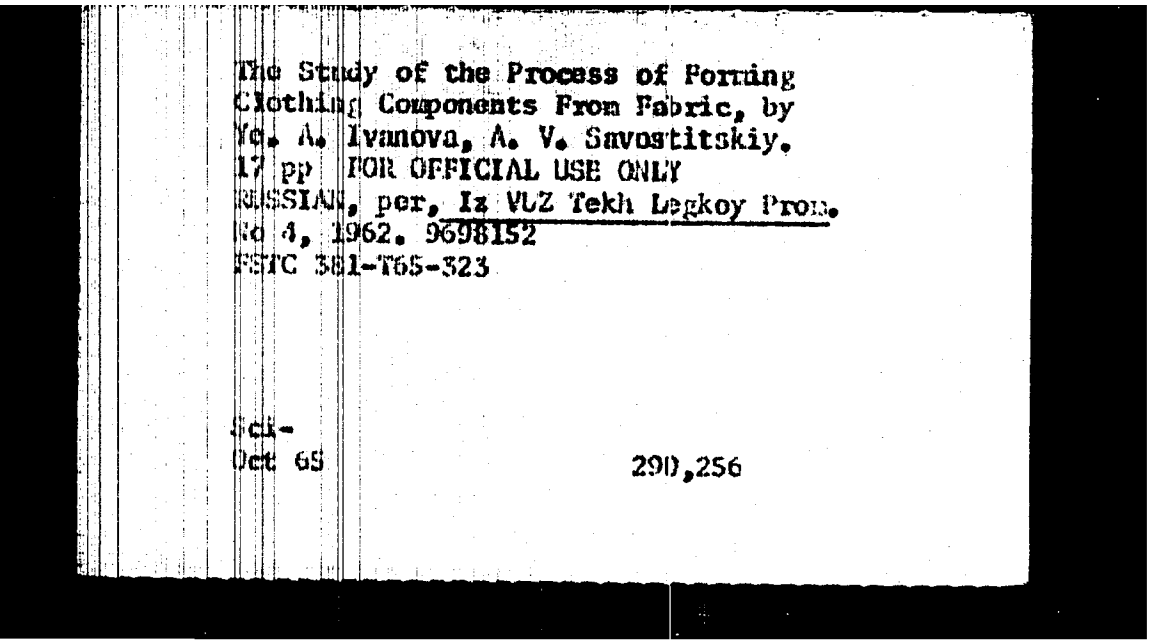
Classification of Leather Clothing Items, by
I. V. Orlov.
RUSSIAN, per. Iz Vyssh Uchab. Zav Tekh Legkoy
Prom, No 3, 1962, pp 116-120.
FACSI I-7381
LD 2204024968

Sci - M/M
Jul 65

FSTC 381-T65-329
9698141.
FOR OFFICIAL USE ONLY

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



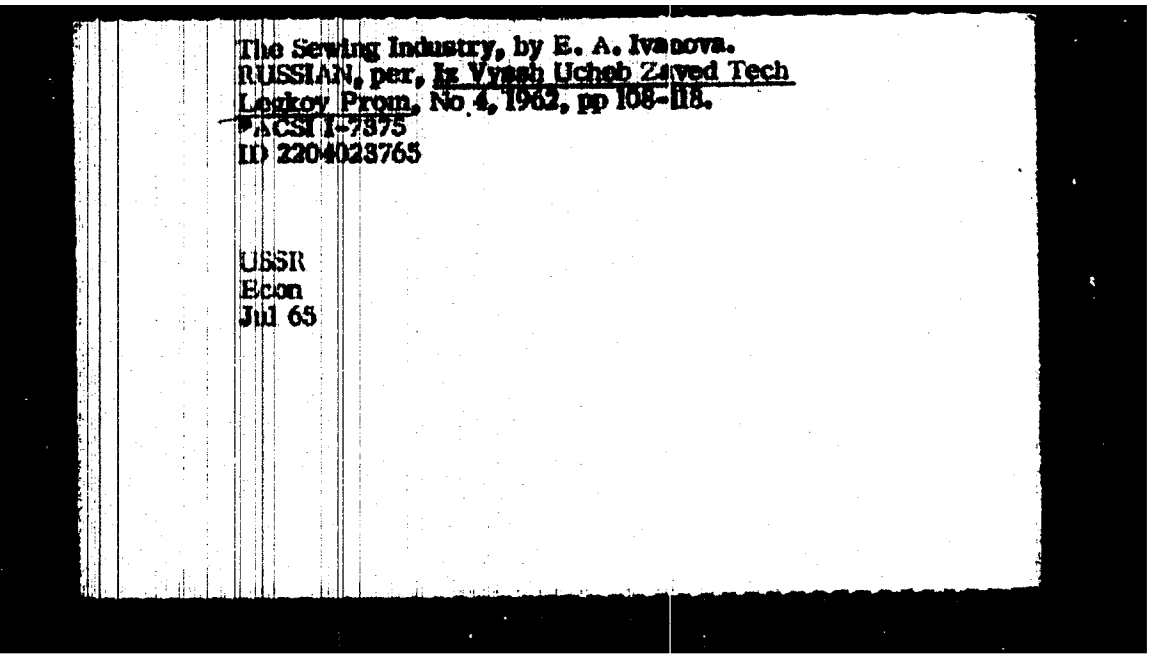
The Study of the Process of Forming Clothing Components From Fabric, by Ye. A. Ivanova, A. V. Smvostitskiy. 17 pp FOR OFFICIAL USE ONLY RUSSIAN, per. Iz VUZ Tekh Legkoy Prom. No 4, 1962. 9698152 FSTC 381-T65-323

Sci-
Oct 65

290,256

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Determining Thermal Qualities of Clothing, by
L. I. Trut'yakova.
RUSSIAN, per, Iz Vyssh Ucheb Zaved-Tech Legkoy
Prom, No 6, 1962, pp 67-72.
PACSI I-7375
ID 2204023765

USSR
M/m
Jul 65

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Determining the Tension of Thread in Process of Forming Chain Stitches, by I. S. Stezhkov. RUSSIAN, per. Iz Vyssh Ucheb Zaved-Tech Legkov Prom, No 6, 1962, pp 73-81.
FACSIT-7375
AD 220 023765

Sci - Engr
Jul 65

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Methods of Reconstructing the Drafting Unit of Soviet-Made Speed Frames for Uneven Blends, by N. I. Shilova.

RUSSIAN, paper, Izvest Vuz T kh Teks Prom, No 1, 1963, pp 65-71

GB 112,TR/458

Sci -

Aug 67

336,699

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Investigation of the Process of Washing Out Expanding Agents from Carboxyl-Containing Rubbers, by I. A. Shtern, I. V. Plotnikov, 7 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Iz VUZ Tekh Legkoy Prom, No 2, 1965, pp98490
FSTC 381-T65-330

Sci - Chem
Nov -S 291,3414

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Influence of the Medium on the Deformation of Stretched Fabrics and on the Components of Deformation, by A. I. Koblyakov, 8 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Iz VUZ Tekh Legkoy Prom, No 2, 1963, pp 3-10. 9698490
FSTC 351-T65-330

Sci - Phys
Nov 65

291,343

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

The Problem of Dissolving and Reconstituting Collagen, by A. A. Golovteyeva, I. S. Shestakova, 19 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved Tech Leg Prom, No 4, 1963, pp 73-83.
CIA/FDD XX-1734
NO FOREIGN DISSEM

Sci
Aug 65
USIB Internal Use Only

287,699

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Contact Thermal-Diffusion Moistoning of Footwear Uppers, by S. A. Kabyshova, G. P. Bulatov, 5 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Iz VUZ, Tekh Legkoy Prom, No 2, 1963, pp 93-97. 9698490
FSTC 381-T65-330

Sci - Elec
Nov 66 291,341

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

The Problem of Dissolving and Reconstituting Collagen, by A. A. Golovteyeva, I. S. Shestakova, 9 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Tekh Leg Prom, No 5, 1963, pp 62-67.
CIA/FDD XX-1733
NO FOREIGN DISSEM

Sci
Aug 65
USIB Internal Use Only

287,610

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Certain Questions of the Cyanoethylation, Carboxylations, Alkylation and Acylation of Gelatin, by N. S. Sorokina, et al.
RUSSIAN, Izvestiya VUZ, Tekhnologiya, 1963, Vol 3, pp 70-75.
NLL RTS 2643 (On Loan or Purchase)

Aug 65 287,024

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

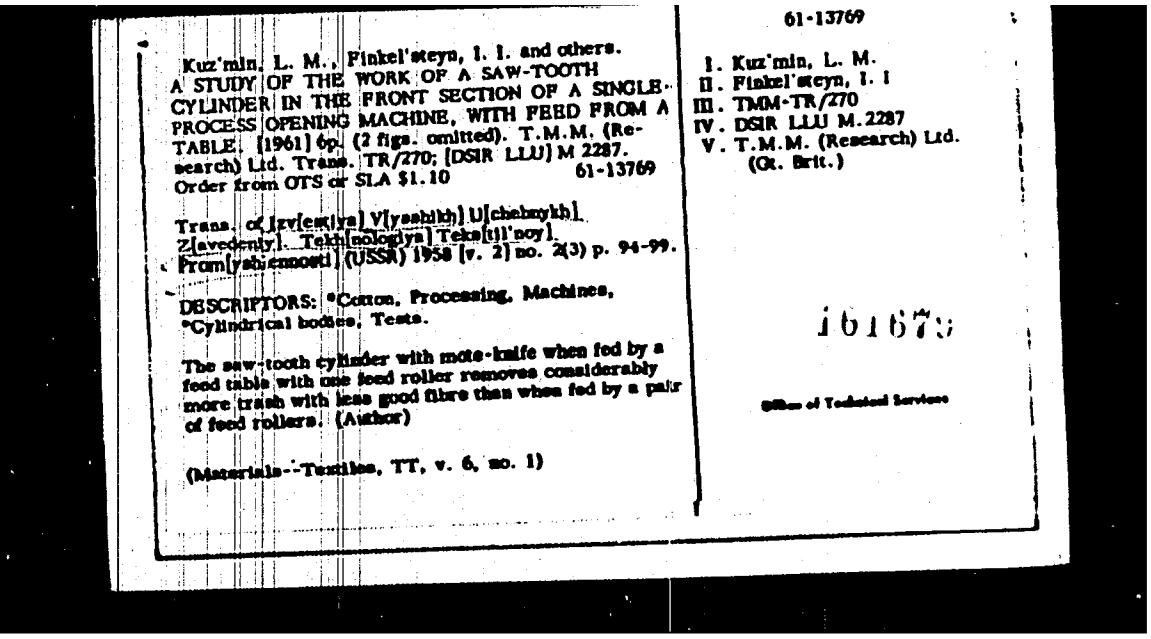
The Effect of Moisture Linkages of Various Types on Thermophysical Properties of Certain Cotton Fabrics, by N. I. Salivovon and M. F. Kazanskiy, 11 p. RUSSIAN, per, Izvestiya VUZ Tekhnologiya Legkoi Promyshlennosti, No 1, 1964, pp 48-53.
NLL RTS-3173

Sci-M&M
Jun 66

304,131

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Kuz'min, L. M., Finkel'steyn, I. I. and others.
A STUDY OF THE WORK OF A SAW-TOOTH CYLINDER IN THE FRONT SECTION OF A SINGLE-PROCESS OPENING MACHINE, WITH FEED FROM A TABLE. [1961] 6p. (2 figs. omitted). T.M.M. (Research) Ltd. Trans. TR/270; [DSIR LLU] M 2287. Order from OTS or SLA $1.10 61-13769

Trans. of Izv[estiya] V[yashikh] U[chebnykh] Z[avedeniy]. Tekh[nologiya] Teks[til'noy]. Prom[yshlennost'] (USSR) 1958 [v. 2] no. 2(3) p. 94-99.

DESCRIPTORS: *Cotton, Processing, Machines, *Cylindrical bodies, Tests.

The saw-tooth cylinder with mote-knife when fed by a feed table with one feed roller removes considerably more trash with less good fibre than when fed by a pair of feed rollers. (Author)

(Materials--Textiles, TT, v. 6, no. 1)

61-13769

I. Kuz'min, L. M.
II. Finkel'steyn, I. I
III. TMM-TR/270
IV. DSIR LLU M.2287
V. T.M.M. (Research) Ltd. (Gt. Brit.)

16167;

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

(NY-3120).

80th Birthday of Prof V. P. Dobychin, 2 pp.

RUSSIAN, per, Iz Vs Ucheb Zaved, Tekh, Tekstil Prom, No 4, 1950, pp 182-183.

JPRS-L-1105-N

Sci - Misc
Jan 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Calculation of the Number of Machines Per Operator, by G. Kolobrodov.

RUSSIAN, per, Iz Vyasshikh Ucheb Zaved, Tekh Tekstil Prom, No 3, 1959, pp 11-19.

CSIRO 5365

207.620

Sci - Engr
Jul 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Deterioration of Tent Fabrics in Various Climatic Conditions, by N. V. Kalugin, 19 pp. UNCLASSIFIED

RUSSIAN, per, Tekh Tekstil Prom (Izvestiya VUZ), No 3, 1959, pp 19-25.

ACSI H-6422
ID 2144833

Sci - Engr
Jul 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

GE-1

15 670

PROTASOVA V. A.

Methods of investigating uniformity of stretch by means of radioactive isotopes

Methodik zur Erforschung der Streckungsgleichmässigkeit mit Hilfe von radioaktiven Isotopen

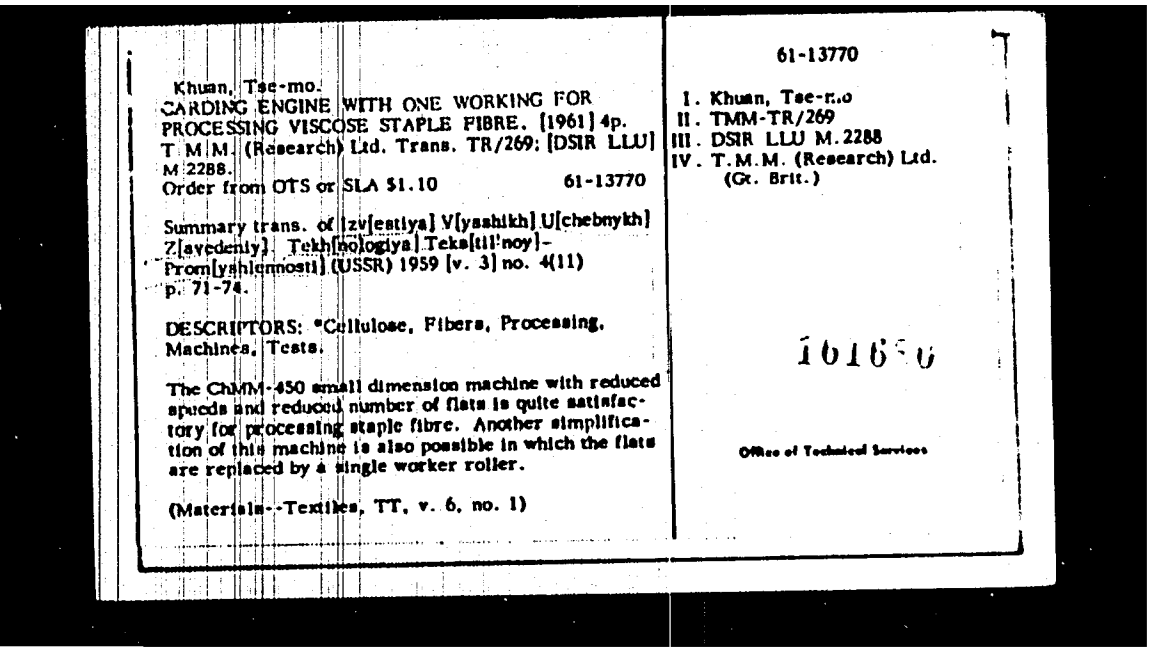
Izv. Vysshikh Uchebn. Zaved., Tekhn., Tekst. Prom., No. 3, 88-95 (1959)

German

Euratom

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Khuan, Tse-mo.
CARDING ENGINE WITH ONE WORKING FOR PROCESSING VISCOSE STAPLE FIBRE. [1961] 4p.
T M M. (Research) Ltd. Trans. TR/269: [DSIR LLU] M 2288.
Order from OTS or SLA $1.10 61-13770

Summary trans. of Izv[estiya] V[yashikh] U[chebnykh] Z[avedeniy] Tekh[no]logiya Teks[til'noy]-Prom[yshlennosti] (USSR) 1959 [v. 3] no. 4(11) p. 71-74.

DESCRIPTORS: *Cellulose, Fibers, Processing, Machines, Tests.

The ChMM-450 small dimension machine with reduced speeds and reduced number of flats is quite satisfactory for processing staple fibre. Another simplification of this machine is also possible in which the flats are replaced by a single worker roller.

(Materials--Textiles, TT, v. 6, no. 1)

61-13770

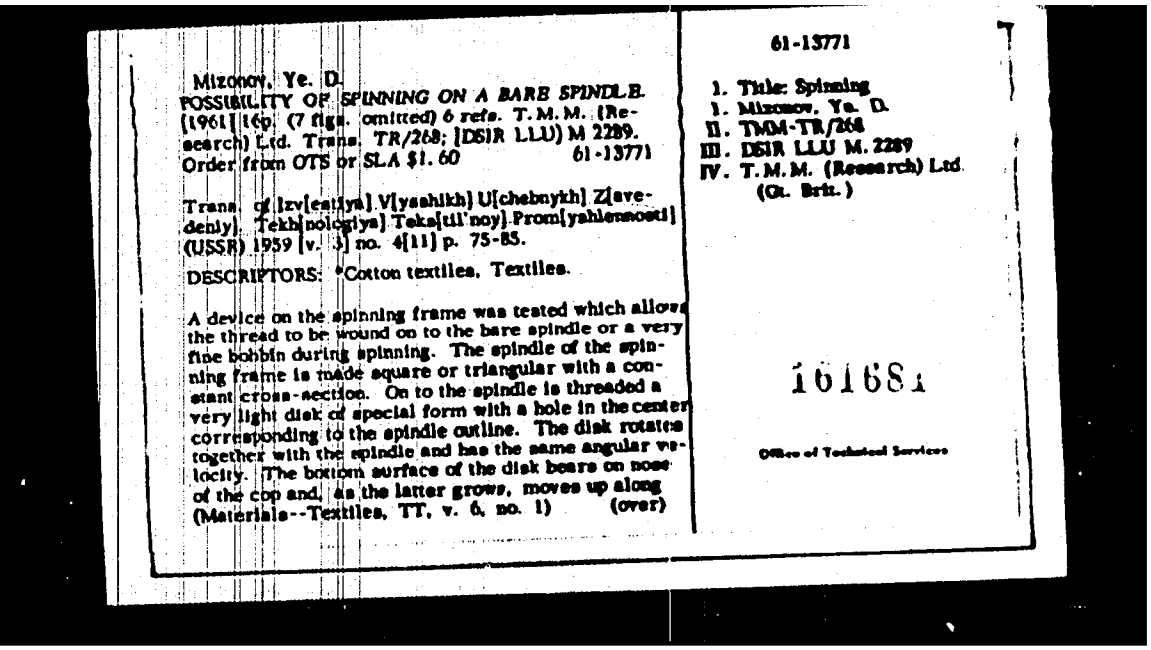
I. Khuan, Tse-mo
II. TMM-TR/269
III. DSIR LLU M.2288
IV. T.M.M. (Research) Ltd. (Gt. Brit.)

101650

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Mizonov, Ye. D.
POSSIBILITY OF SPINNING ON A BARE SPINDLE.
[1961] 16p (7 figs. omitted) 6 refs. T. M. M. (Research) Ltd. Trans. TR/268; [DSIR LLU) M 2289.
Order from OTS or SLA $1.60 61-13771

Trans. of Izv[estiya] V[yssshikh] U[chebnykh] Z[avedeniy]. Tekh[nologiya] Teks[til'noy] Prom[yshlennosti] (USSR) 1959 [v. 3] no. 4[11] p. 75-85.

DESCRIPTORS: *Cotton textiles. Textiles.

A device on the spinning frame was tested which allows the thread to be wound on to the bare spindle or a very fine bobbin during spinning. The spindle of the spinning frame is made square or triangular with a constant cross-section. On to the spindle is threaded a very light disk of special form with a hole in the center corresponding to the spindle outline. The disk rotates together with the spindle and has the same angular velocity. The bottom surface of the disk bears on nose of the cop and, as the latter grows, moves up along (Materials--Textiles, TT, v. 6, no. 1) (over)

61-13771

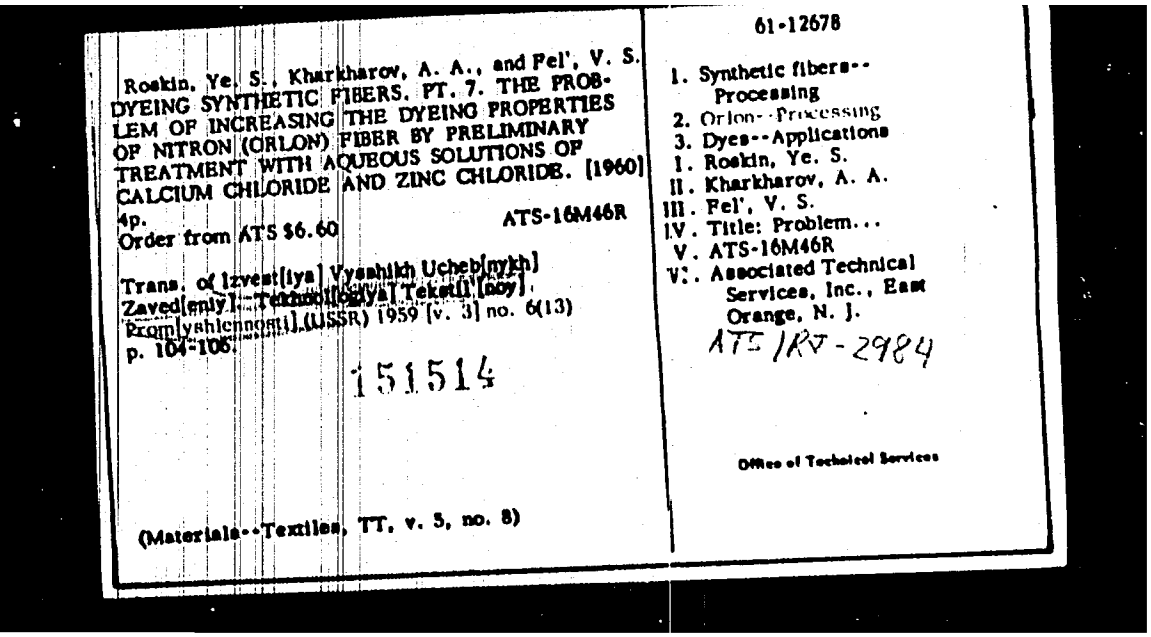
1. Title: Spinning
I. Mizonov, Ye. D.
II. TMM-TR/268
III. DSIR LLU M. 2289
IV. T. M. M. (Research) Ltd. (Gt. Brit.)

16168

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Roskin, Ye. S., Kharkharov, A. A., and Fel', V. S.
DYEING SYNTHETIC FIBERS. PT. 7. THE PROBLEM OF INCREASING THE DYEING PROPERTIES OF NITRON (ORLON) FIBER BY PRELIMINARY TREATMENT WITH AQUEOUS SOLUTIONS OF CALCIUM CHLORIDE AND ZINC CHLORIDE. [1960]
4p.
Order from ATS $6.60 ATS-16M46R

Trans. of Izvest[iya] Vysshikh Uchebnykh Zaved[enii]--Tekhnologiya Tekstil'n[oy] Promyshlennosti (USSR) 1959 [v. 3] no. 6(13) p. 104-105.

151514

(Materials--Textiles, TT, v. 5, no. 8)

61-12678

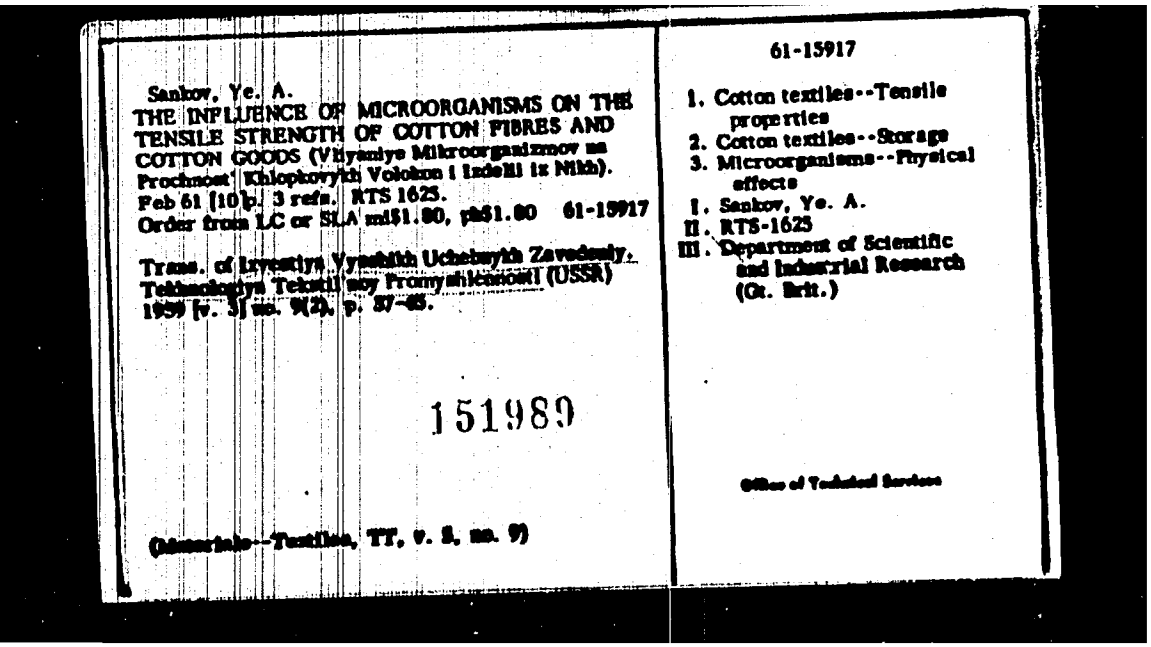
1. Synthetic fibers--Processing
2. Orlon--Processing
3. Dyes--Applications
I. Roskin, Ye. S.
II. Kharkharov, A. A.
III. Fel', V. S.
IV. Title: Problem...
V. ATS-16M46R
VI. Associated Technical Services, Inc., East Orange, N. J.

ATS/RT-2984

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Sankov, Ye. A.
THE INFLUENCE OF MICROORGANISMS ON THE TENSILE STRENGTH OF COTTON FIBRES AND COTTON GOODS (Vliyaniye Mikroorganizmov na Prochnost' Khlopkovykh Volokon i Izdelii iz Nikh).
Feb 61 [10]p. 3 refs. RTS 1625.
Order from LC or SLA ml$1.80, ph$1.80 61-15917

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniy. Tekhnologiya Tekstil'noy Promyshlennosti (USSR) 1959 [v. 3] no. 9(2), p. 57-65.

151989

(Over)

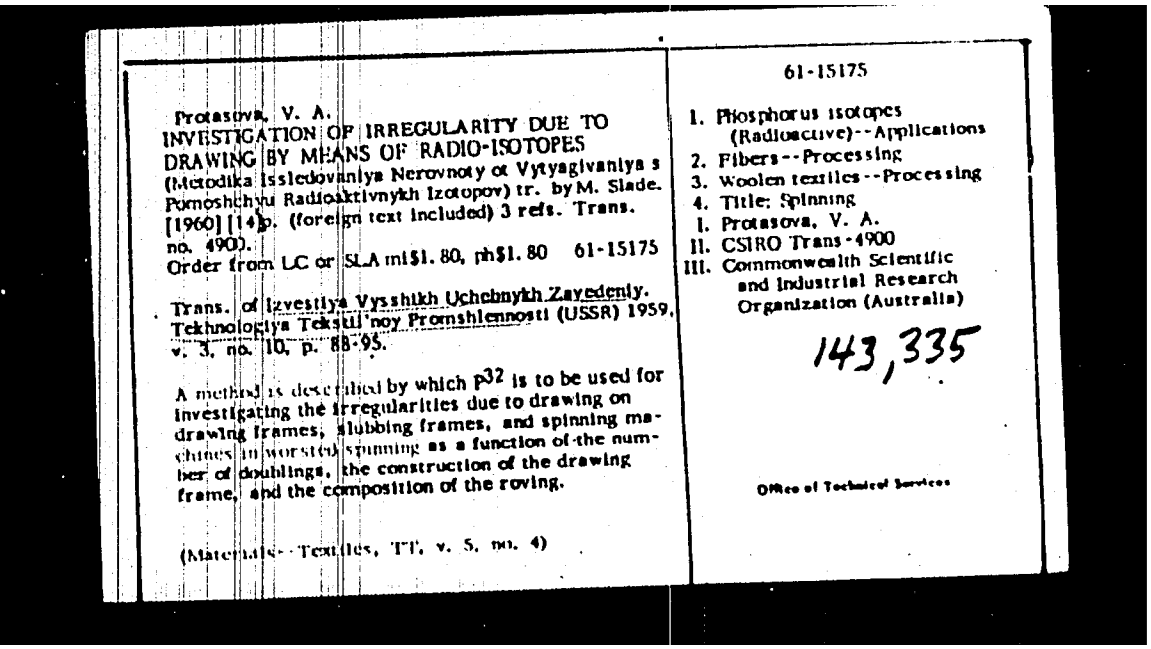
61-15917

1. Cotton textiles--Tensile properties
2. Cotton textiles--Storage
3. Microorganisms--Physical effects
I. Sankov, Ye. A.
II. RTS-1625
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Protasova, V. A.
INVESTIGATION OF IRREGULARITY DUE TO DRAWING BY MEANS OF RADIO-ISOTOPES
(Metodika Issledovaniya Neravnoty ot Vytyagivaniya s Pomoshchyu Radioaktivnykh Izotopov) tr. by M. Slade. [1960] [14]p. (foreign text included) 3 refs. Trans. no. 4900).
Order from LC or SLA ml$1.80, ph$1.80 61-15175

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniy. Tekhnologiya Tekstil'noy Promshlennosti (USSR) 1959, v. 3, no. 10, p. 88-95.

A method is described by which P^{32} is to be used for investigating the irregularities due to drawing on drawing frames, slubbing frames, and spinning machines in worsted spinning as a function of the number of doublings, the construction of the drawing frame, and the composition of the roving.

(Materials--Textiles, TT, v. 5, no. 4)

61-15175

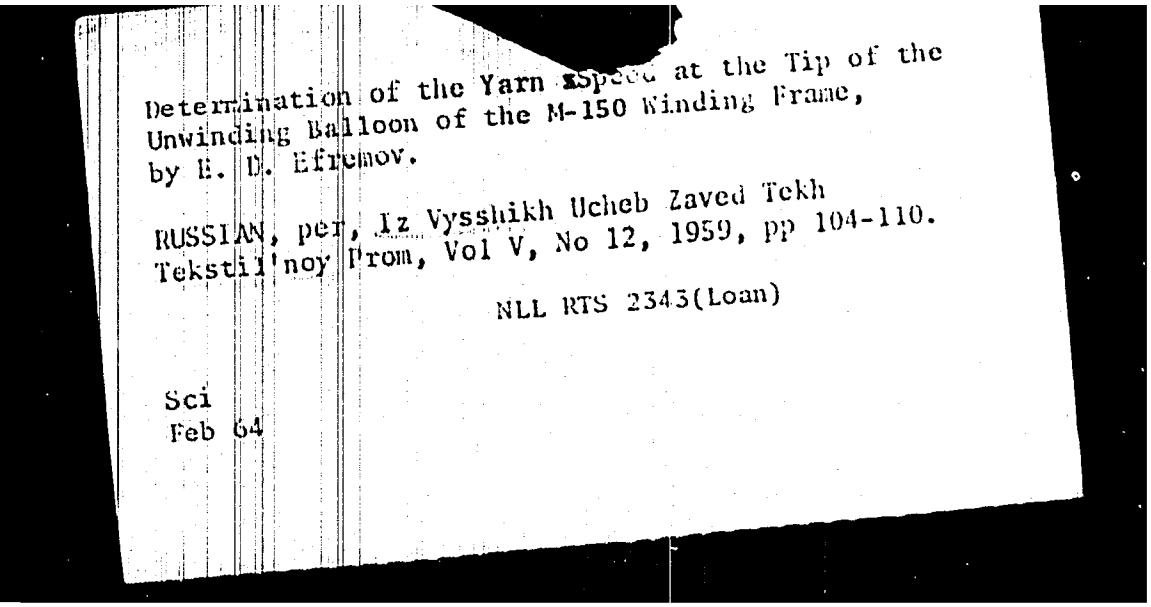
1. Phosphorus isotopes (Radioactive)--Applications
2. Fibers--Processing
3. Woolen textiles--Processing
4. Title: Spinning
I. Protasova, V. A.
II. CSIRO Trans-4900
III. Commonwealth Scientific and Industrial Research Organization (Australia)

143,335

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Determination of the Yarn Speed at the Tip of the Unwinding Balloon of the M-150 Winding Frame, by E. D. Efremov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Tekh Tekstil'noy Prom, Vol V, No 12, 1959, pp 104-110.

NLL RTS 2343(Loan)

Sci
Feb 64

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

AT5

RJ-5638 THE EFFECT OF STRUCTURE ON THE STRENGTH OF TWISTED COTTON THREAD, L. Sh. Glikman, Izvest. Vysshikh Ucheb. Zavedenii, Tekhnol. Tekstil. Prom. 1960, No. 3 (16), 9-13.
2300 W; 3 F; 2 R $ 9.45 ($1.25)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

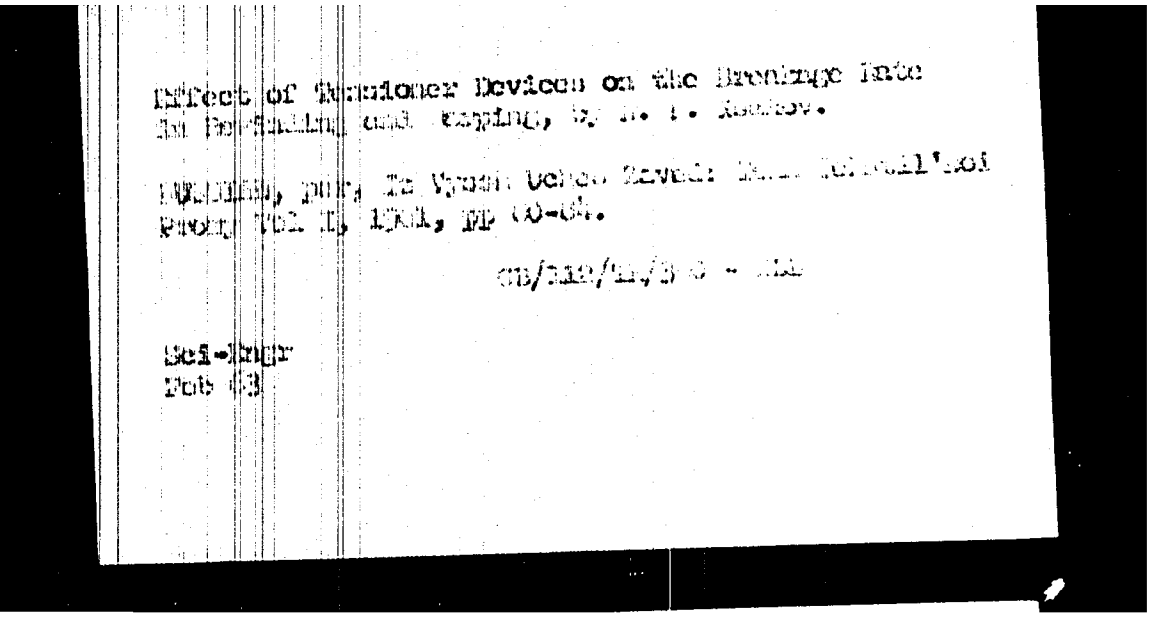
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Deformation Resistance of Carbon Steels, by
L.D. Sokolob.
RUSSIAN, por, Izv Vyssh Ucheb Zaved Chern Metall,
Vol 10, 1963,
pp 62.
CRL/D.706
Vol 17, No 3, 1969

July 69 385-220

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Effect of Ionizer Devices on the Breakage Rate
in Reeling and Coiling, by M. I. Kozlov.

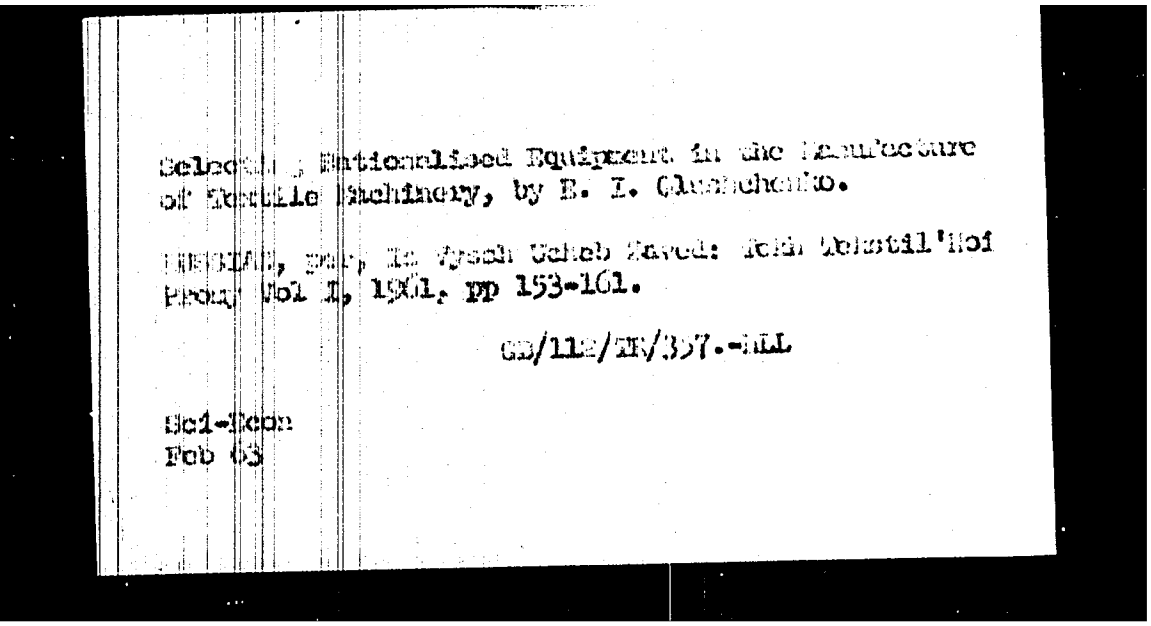
[illegible], pub. in Vsesoyuznoye Nauch. Issledovatel'skoi
Inst. Tsel. i Bum., No (6-64.

[illegible]

Sel-Khoz
Pub 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Selected Rationalized Equipment in the Manufacture of Textile Machinery, by B. I. Glushchenko.

[illegible], pod. ed. Vsesoyuznoye Ob"yedineniye Tekstil'noy Prom; Vol I, 1961, pp 153-161.

CB/112/XV/357.-ILL

Sci-Econ
Feb 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Method of Increasing the Productivity of Carding Machines, by G. I. Karasev.

RUSSIAN, per, Iz Vyssh Uchob Zaved: Tekh Tekstil'Noi Prom, Vol IV, 1961, pp 47-53.

GB/112/TR/362 - HLL

Sci-Engr
Feb 63

22,592

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

R-5474-D

RUSSIAN, per, Iz VUZ Tekh Tekstil Prom,
No 5, 1961, pp 93-97; 98-116; 48-54.

*JPRS/FSTC

Sci
Jun 65

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

On Dyeing Synthetic Fibers. Report No 12, Study of the Process of Dyeing "Lavsan" by Means of the Formation on it of Azo Dyes that are Insoluble in Water, by A. A. Kaharkharov. RUSSIAN, rpt, Izvestiya Vysshikh Uchebnykh Zavedenii, Tekhnologiya i Tekstilnoi Promyshlennosti, No 5, 1961, pp 105-112.
NTC-71-12691-11E

Nov 71

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Analysis of the Fineness (or Mass) Variation of Viscose Filament Yarn, by F. Saiykova. RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii, Tekhnol. Tekstil. Prom., No 6, 1962, pp 15-24.

Sci -
Jul 67

334,047

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Koritskii, K. I.
THE ESTIMATION OF THE BREAKING CHARACTERISTICS OF VISCOSE TIRE CORD. 14 Dec 62
[16]p. 4 refs.
Order from OTS or SLA $1.60 63-10830

Trans. of [Izvestiya Vysshikh Uchebnykh Zavedenii, [Tekhnologiya Tekstil'noi Promyshlennosti] (USSR) 1962 [v. 6] no. 1, p. 42-49.

DESCRIPTORS: *Failure (Mechanics), *Viscose, *Fibers, Tires, Mathematical analysis, Mathematical prediction, Fibers (Synthetic).

When specifying the breaking characteristics of cord yarn, it is necessary to use the equation of the final section of the extension curve for complex yarn and the calculated values of the angles of inclination of the strands to the cord axis and that of the fibers to the
(Materials--Textiles, TT, v. 9, no. 12) (over)

63-10830

I. Koritskii, K. I.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Androsov, V. F.
USE OF VAT SOLS FOR DYEING WOOL (Primenenie Kubozolei dlya Krasheniya Sherati) tr. by B. Ribush. [1963] [13p] (foreign text included) 12refs [CSIRO] Trans. no. 6266.
Order from OTS or SLA $1.60 63-24077

Trans. of Izvestiya Vyashikh Uchebnykh Zavedenii. Tekhnologiya Tekstil'noi Promyshlennosti (USSR) 1962 [v. 5] no. 2, p. 85-90.

DESCRIPTORS: *Woolen textiles, *Dyeing, Fibers, Colors, Mixtures.

Determination was made of the optimum formulae and regimes for dyeing wool fibre with vat sols and developing the colours by the chromate method. The recommended formulae and regimes for dyeing wool with Russian-made vat sols have proved themselves in (over)
(Mandrikal - Textiles, TT, v. 10, no. 12)

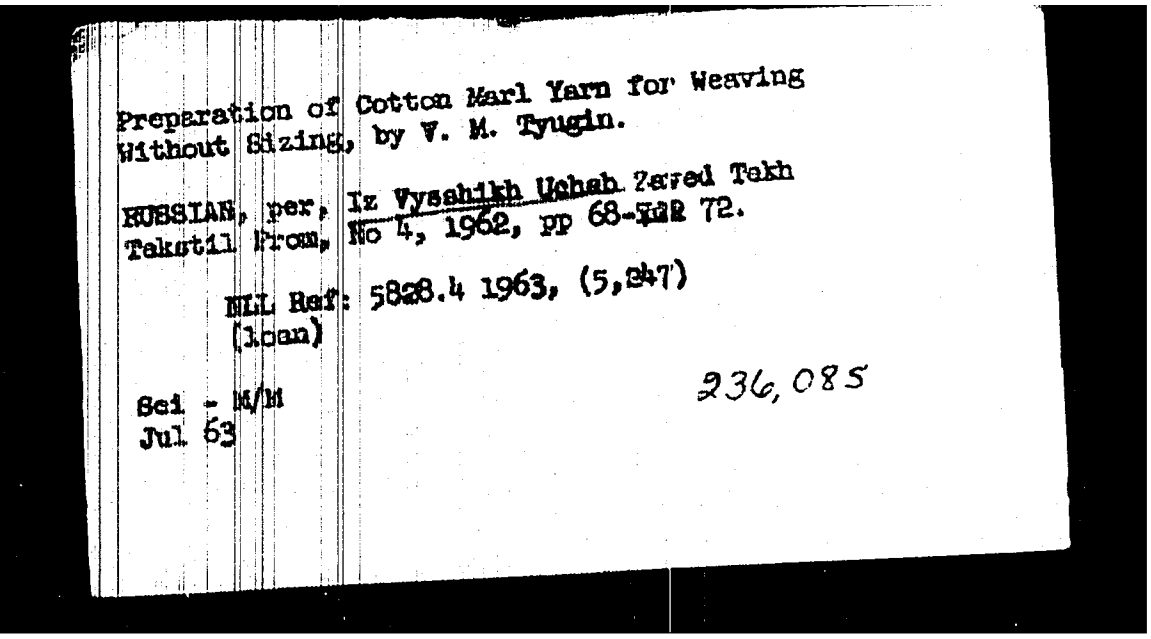
63-24077

I. Title: Vat sols
I. Androsov, V. F.
II. CSIRO Trans-6266
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Preparation of Cotton Marl Yarn for Weaving Without Sizing, by V. M. Tyugin.

RUSSIAN, per, Tekstil Prom, Iz Vysshikh Uchab Zaved Tekh No 4, 1962, pp 68-72.

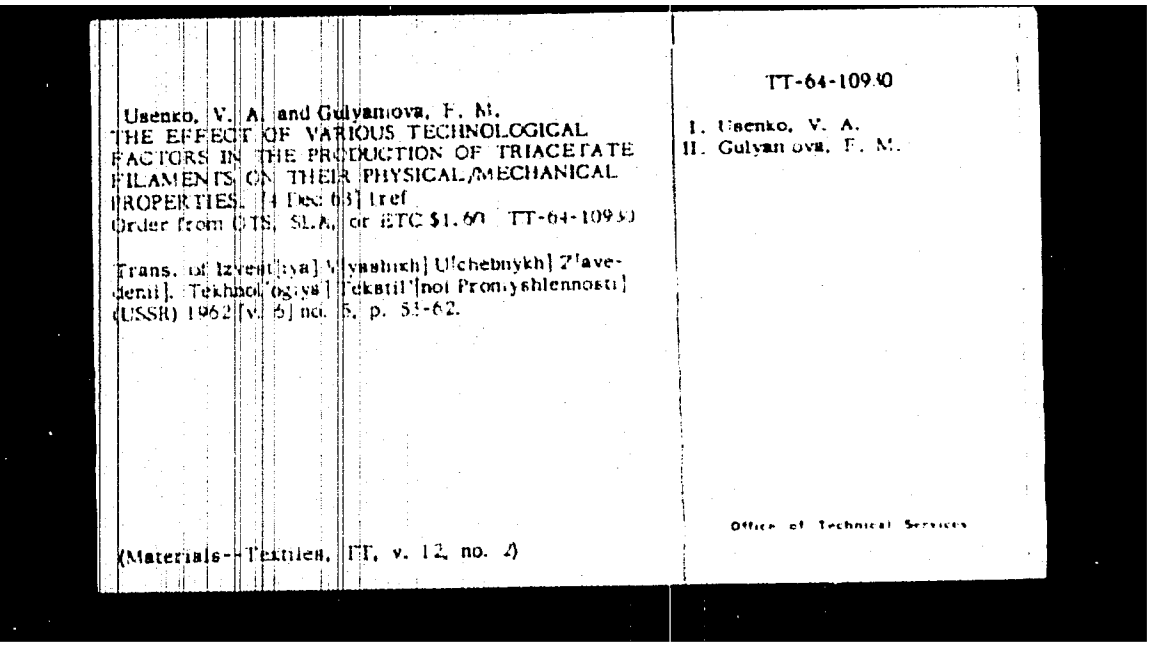
NLL Ref: 5828.4 1963, (5,247) (Loan)

236,085

Sci - M/M
Jul 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Usenko, V. A. and Gulyamova, F. M.
THE EFFECT OF VARIOUS TECHNOLOGICAL FACTORS IN THE PRODUCTION OF TRIACETATE FILAMENTS ON THEIR PHYSICAL/MECHANICAL PROPERTIES. [4 Dec 63] 1ref
Order from OTS, SLA, or ETC $1.60 TT-64-10930

Trans. of Izvest[iya] V[yashikh] Uchebnykh] Zaveden[i]. Tekhnol[ogiya] Tekstil'[noi Promyshlennosti] (USSR) 1962 [v. 5] no. 5, p. 53-62.

(Materials--Textiles, TT, v. 12, no. 4)

TT-64-10930

I. Usenko, V. A.
II. Gulyamova, F. M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Abrasion Resistance of Summer-weight Dress Fabrics, by B. D. Semak.
RUSSIAN, per, Izvestiya Uchebnykh Zavedenii, Tekhnol. Tekstil. Prom., 1963, pp 24-29.
GB/121

Sci -
Jul 67

334,343

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

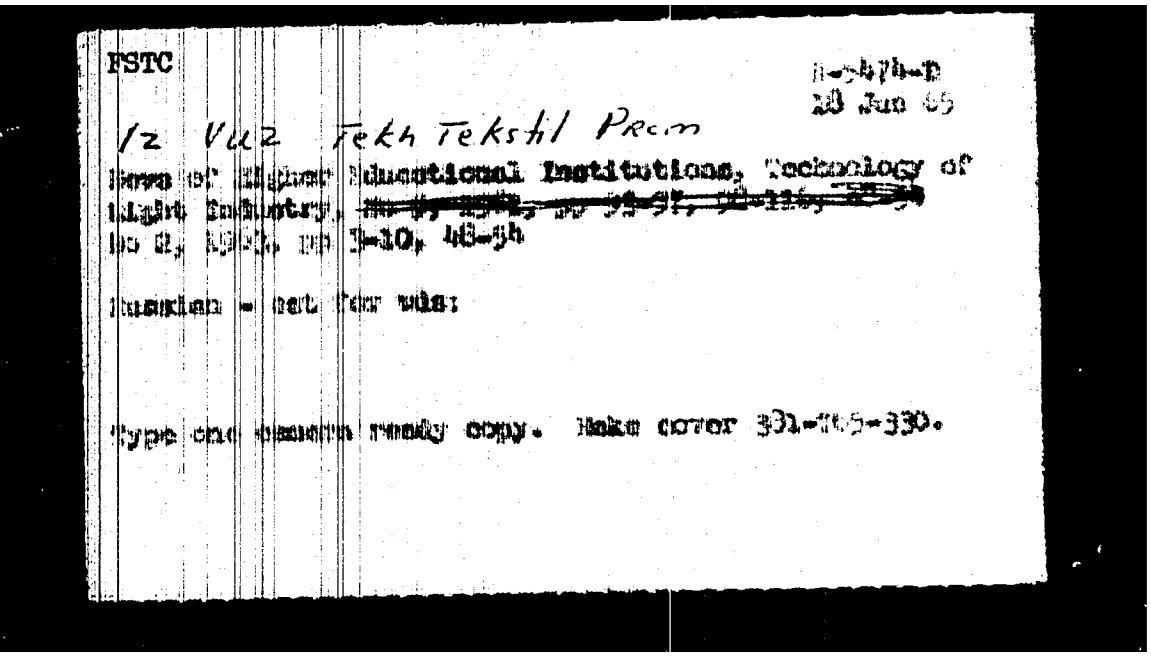
Comparative Analysis of the Equations Proposed for the Calculation of the Strength of Viscose Cord Yarns, by I.I.Feiman.
RUSSIAN,per, Iz. V.U.Z.Zaved. Tekhnol Tekstil Prom,1963, vol.7, no.1, pp. 27-33.
SLA-TT-64-18748

Eng
Aug66

307,683

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



FSTC

20 Jun 65

Izv Vuz Tekh Tekstil Prom

Izvestiya Vysshikh Uchebnykh Zavedeniy. Tekhnologiya Tekstil'noy Promyshlennosti, No 2, 1965, pp 3-10, 48-54

Russian - Not for pub.

Type and check ready copy. Make cover 331-65-330.

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Drive of Speed Frames, by K.S. Shishlo.
RUSSIAN, per, Izvest Vuz Tekh Tekst Prom, No 4, 1963,
pp 30-126
GD 111/TR/460

Sei -
Aug 67 336,760

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Determining Concentration of Dyes on Colored Fabrics by means of Spectra of Reflection, by L. A. Volodina.
RUSSIAN, Ser, Iz VUZ, Tekh Tekstil Prom, No 4, 1964, pp 97-104.
AOSI I-8936 A
AU 2204066365

Sci - Phys
Mar 66 297,247

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

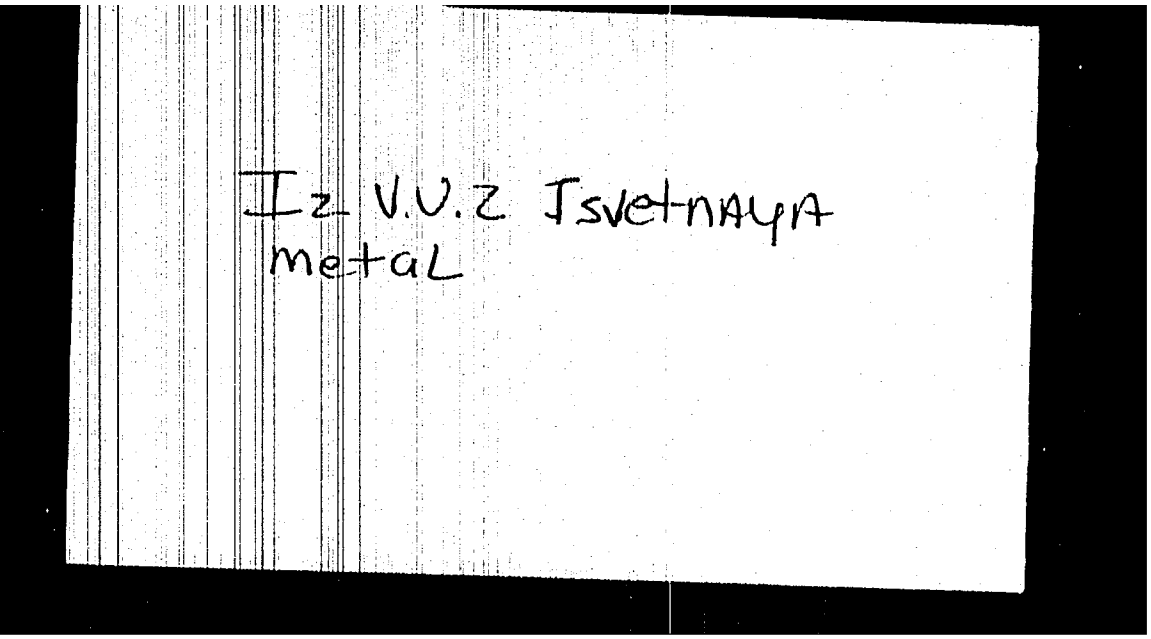
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Selection of an Efficient Layout of the Capron Dyeing Process, Using Active Vinyl Sulfamidic Dyes, by L. A. Kovzhin.
RUSSIAN, per, Iz VUZ, Tekh Tekstil Prom, No 4, 1964, pp 105-110.
ACSI I-8936 B
ID 2204066365

Sci - Phys
Mar 66 297,248

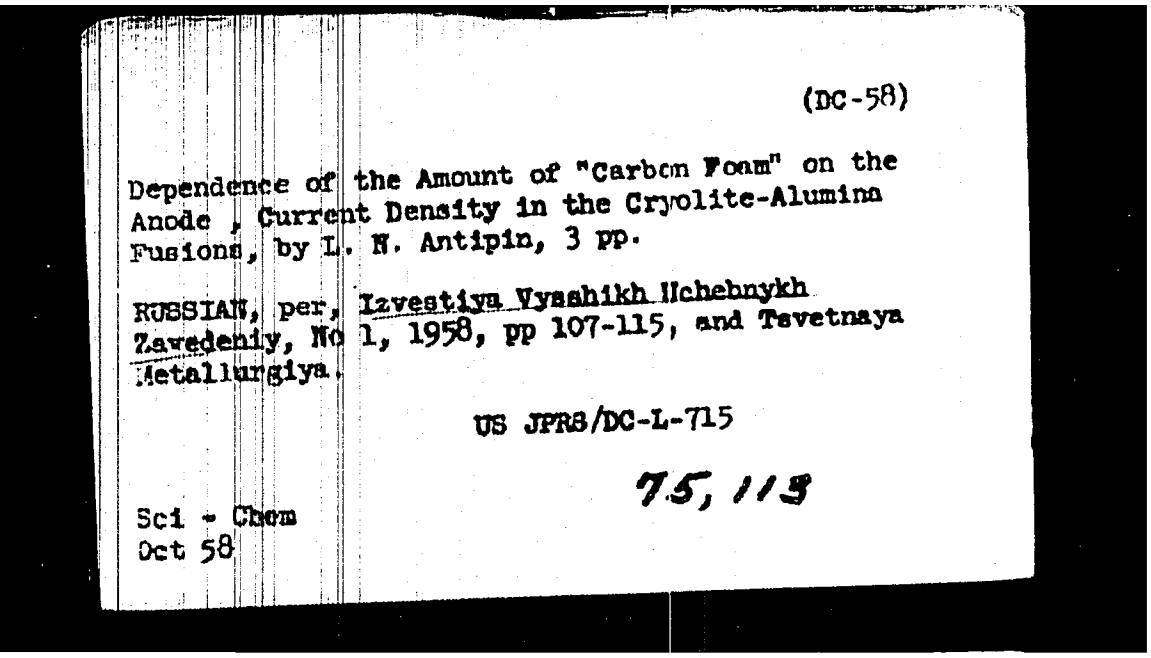
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(DC-58)

Dependence of the Amount of "Carbon Foam" on the Anode , Current Density in the Cryolite-Alumina Fusions, by L. N. Antipin, 3 pp.

RUSSIAN, per, Izvestiya Vyashikh Uchebnykh Zavedeniy, No 1, 1958, pp 107-115, and Tsvetnaya Metallurgiya.

US JPRS/DC-L-715

75,113

Sci - Chem
Oct 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

The Refining of Aluminium by Distillation in the Form of Subhalide Compounds, by A. I. Belyayev, L. A. Firsonova.

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Tsvet Metal, No 1, 1958, pp 116-120.

Dept of the Interior
TN7, E57, No 312

Sci - Min/Met
Oct 60

128,668

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Studying the Structure and Properties of Ternary Copper Alloys CuNiBe, by Chang Pao-ch'ang.

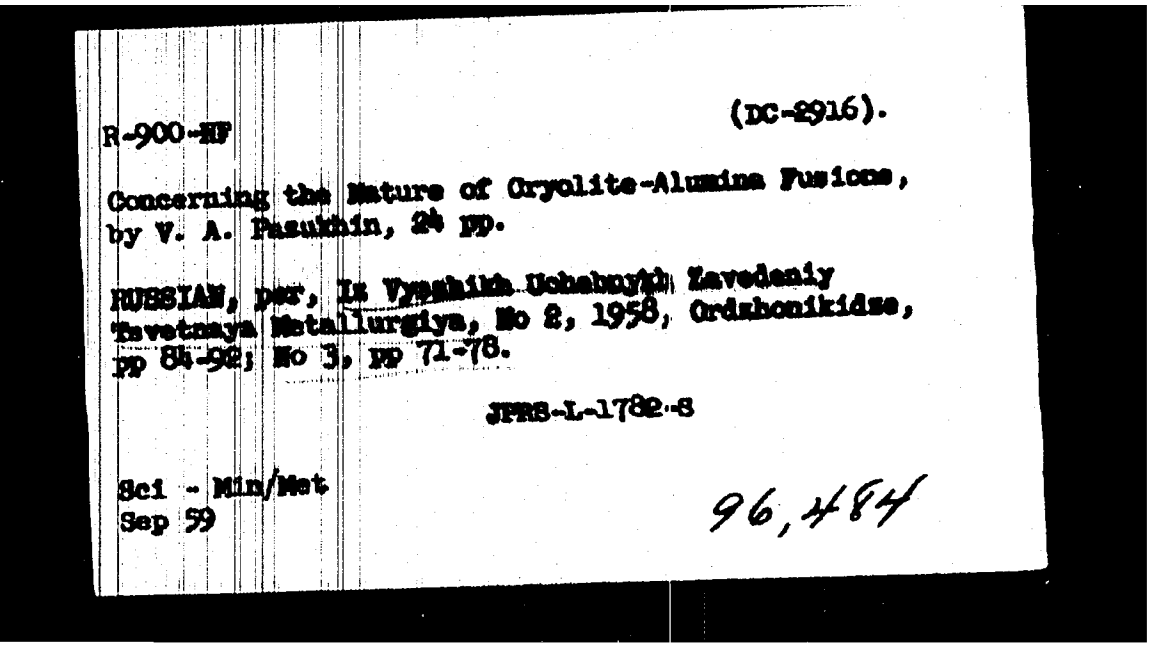
RUSSIAN, per, Iz Vyshikh Uchebnykh Zavedenii, Tsvetnaya Metallurgiya, No 1, 1958, pp 138-147.

*ATIC

UNCLASSIFIED
Sci - Chem
Nov 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(DC-2916).

R-900-RF

Concerning the Nature of Cryolite-Alumina Fusions, by V. A. Pasukhin, 24 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy Tsvetnaya Metallurgiya, No 2, 1958, Ordzhonikidze, pp 84-92; No 3, pp 71-78.

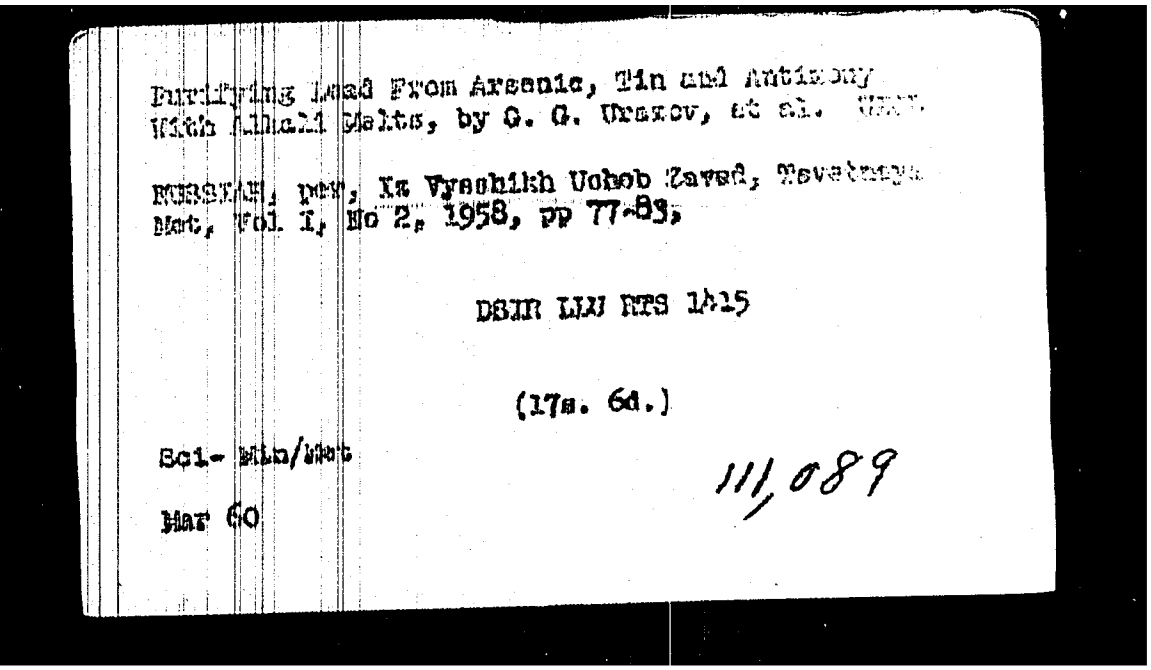
JPRS-L-1782-S

Sci - Min/Met
Sep 59

96,484

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Purifying Lead From Arsenic, Tin and Antimony
With Alkali Melts, by G. G. Urazov, et al.

KHIMIYA, per, Iz Vysshikh Uchob Zaved, Tsvetnaya
Met, Vol. I, No 2, 1958, pp 77-83,

DBIR LIU NTS 1A15

(17s. 6d.)

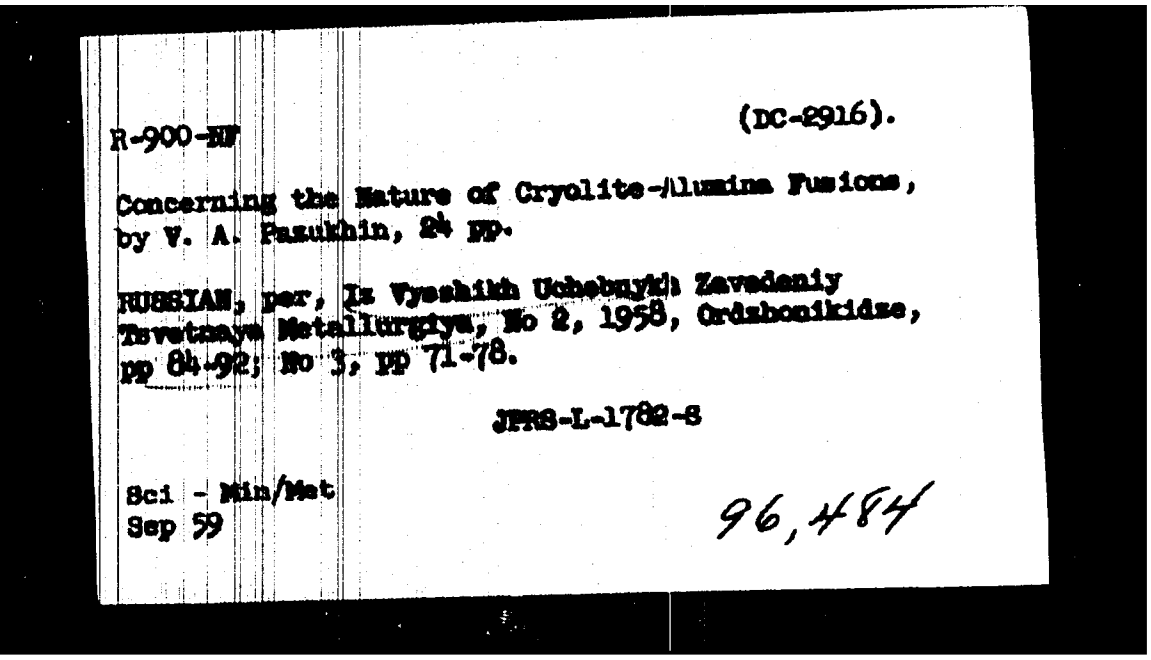
Sci- Min/Met

Mar 60

111,089

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



R-900-RF (DC-2916).

Concerning the Nature of Cryolite-Alumina Fusions, by V. A. Pazukhin, 24 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy Tsvetnaya Metallurgiya, No 2, 1958, Grdzhonikidze, pp 84-92; No 3, pp 71-78.

JPRS-L-1782-S

Sci - Min/Met
Sep 59

96,484

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

(pc-2917)

Leaching of Alumina From Nephelines by alkaline Solutions in the Presence of Lime, by V. D. Ponomarev, V. S. Sazhin, 11 pp.

RUSSIAN, per. Iz Vysshikh Uchebnykh Zavedeniy, Tsvetnaya Metallurgiya, No 2, 1958, Ordzhonikidzo, pp 93-100.

JPRS-L-1754-D

91,965

USSR
Econ
Jul 59

Sci - Min/Met

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Investigation of Relaxation and Recrystallization in Refractory Carbides of Titanium and Tungsten, by S. S. Gorelik, S. I. Mozzhukhin, Z. Muier, 15 pp.

RUSSIAN, per, Iz Vysshikh Uchob Zaved, Tsvet Met, No 2, 1958, pp 153-160.

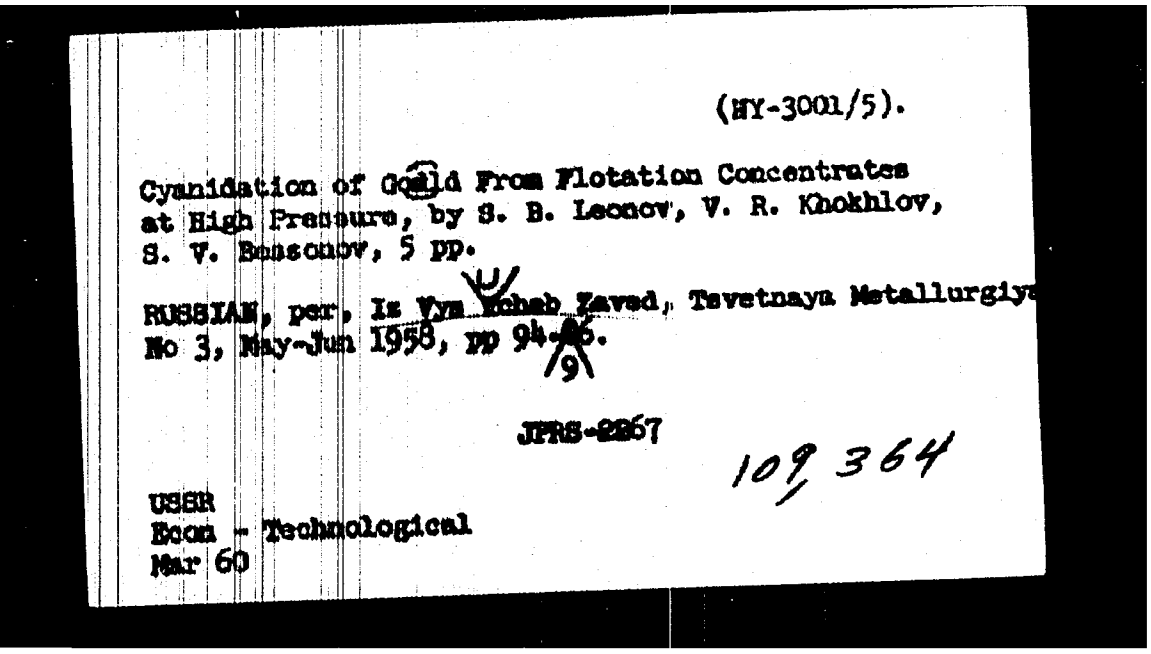
AEC AERE Tr-852

Sci - Phys
Aug 60

123,976

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(HY-3001/5).

Cyanidation of Gold From Flotation Concentrates at High Pressure, by S. B. Leonov, V. R. Khokhlov, S. V. Bonsonov, 5 pp.

RUSSIAN, per. Iz Vyn Uchab Zaved, Tsvetnaya Metallurgiya No 3, May-Jun 1958, pp 94-96.

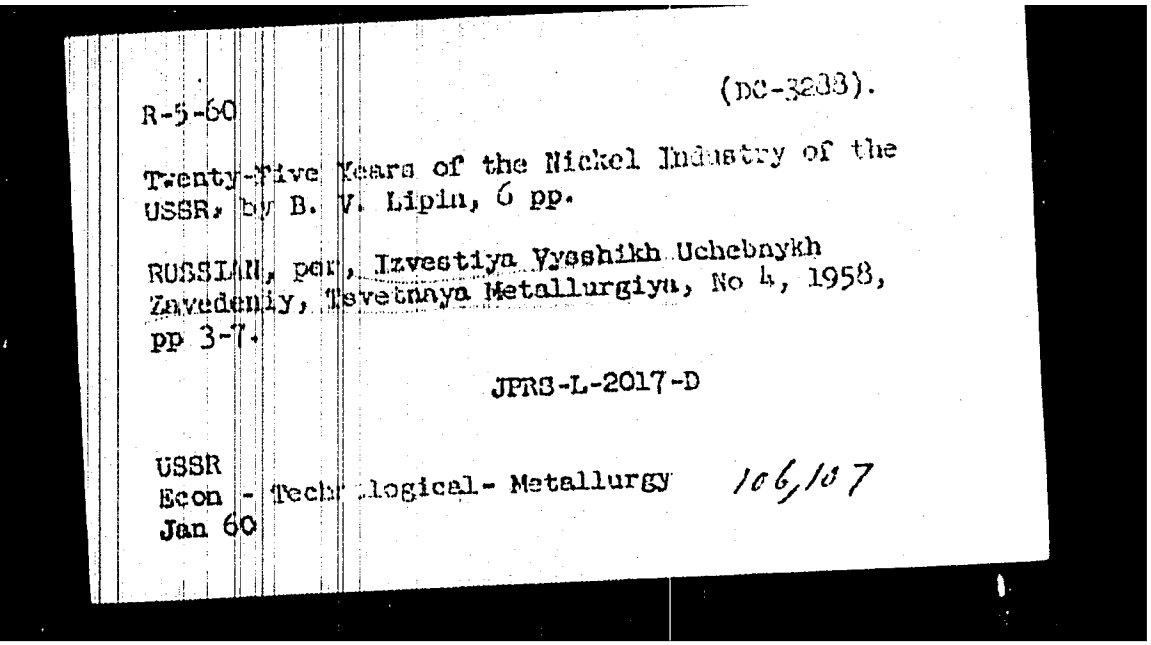
JPRS-2867

109 364

USSR
Econ - Technological
Mar 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



R-5-60 (DC-3283).

Twenty-Five Years of the Nickel Industry of the USSR, by B. V. Lipin, 6 pp.

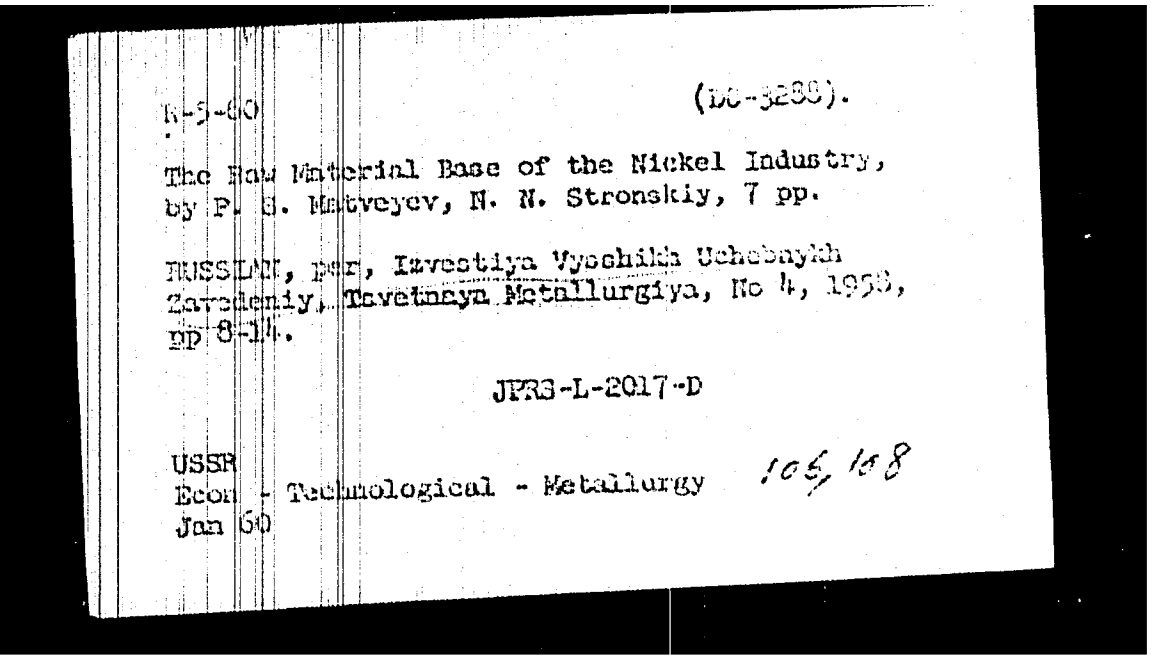
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy, Tsvetnaya Metallurgiya, No 4, 1958, pp 3-7.

JPRS-L-2017-D

USSR
Econ - Technological- Metallurgy 106,107
Jan 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



N-5-60 (DC-3288).

The Raw Material Base of the Nickel Industry, by P. S. Matveyev, N. N. Stronskiy, 7 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy, Tsvetnaya Metallurgiya, No 4, 1958, pp 8-14.

JPRS-L-2017-D

USSR
Econ - Technological - Metallurgy
Jan 60

105, 108

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Examination of Microporosity in Certain Metals, Alloys and Products of Oxides by the Method of Small-Angle Scattering of X-Rays, by S. M. Astrakhantsev, Ya. S. Umanskiy, 14 pp.

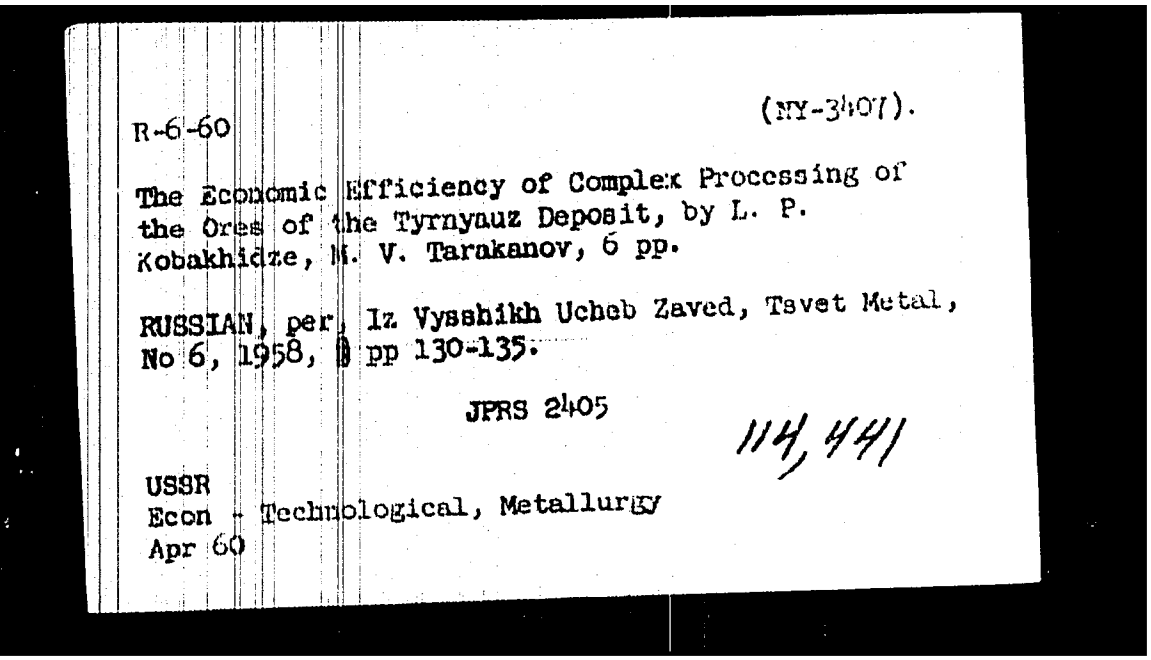
RUSSIAN, par, Iz Vyzshikh Ucheb Zaved, Tsvetnaya Metallurgiya, No 6, 1958, pp 115-125.

AFIC MCL-X 212/1
AEC MP-[illegible]-514
134,570

Scl - Min/Met
Dec 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



R-6-60 (NY-3407).

The Economic Efficiency of Complex Processing of the Ores of the Tyrnyauz Deposit, by L. P. Kobakhidze, M. V. Tarakanov, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1958, 8 pp 130-135.

JPRS 2405

114,441

USSR
Econ - Technological, Metallurgy
Apr 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

(NY-3001/3).

The Hungarian Nonferrous Metals Industry, by A. I. Belyayev, I. L. Perlin, 7 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavod, Tsvetnnya Metallurgiya, No 6, 1958, pp 143-146.

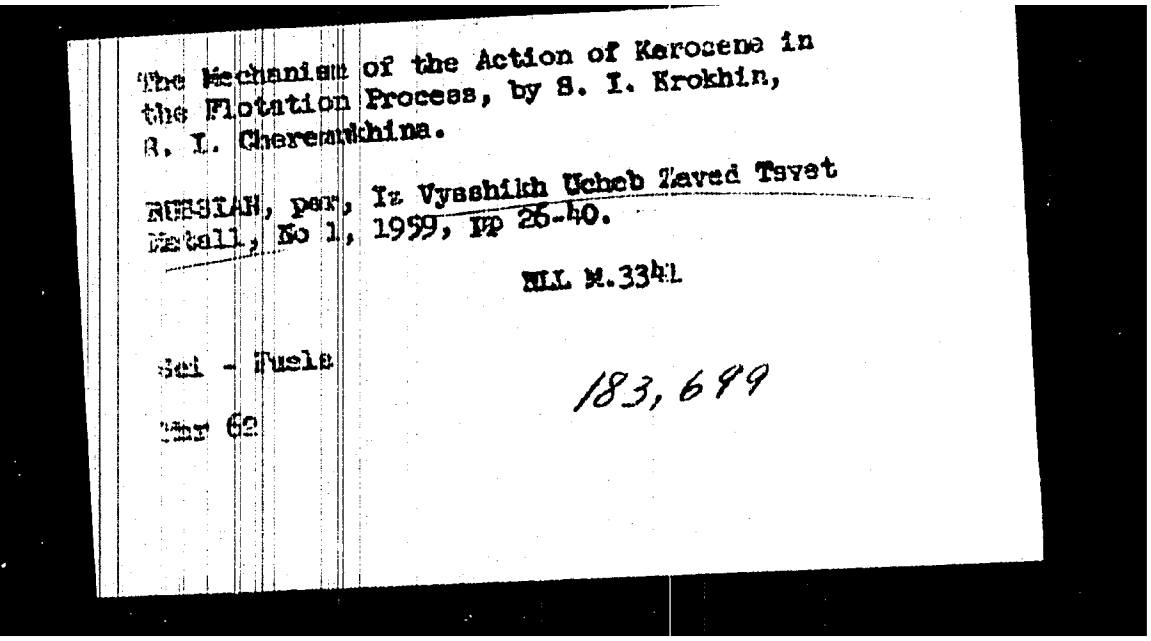
JPRS-2062-N

USSR
Econ
Dec 59

104,324

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



The Mechanism of the Action of Kerosene in the Flotation Process, by S. I. Krokhin, R. I. Cheremukhina.

RUSSIAN, per, Iz Vyashikh Uchab Zaved Tsvet Metall, No 1, 1959, pp 26-40.

MLL M.3341

Sel - Tusla

Mar 62

183,699

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

The Obtainment of Beryllium-Aluminum-Copper Alloys Through the Reduction of Vaporous Beryllium Chloride by L. A. Firsanova, A. I. Belyayev, 11 pp.

RUSSIAN, per. Iz Vysshikh Uchab Zaved, Tsvetnaya Metallurgiya, No 1, 1959, pp 59-65.

ATIC NCL-213/1

AEC NP-TR-547

Sci - Chemistry
Dec 60

134,571

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

S-5240 (NY-2658).

Extraction of Gold From Cyanide Solutions by Ion-Exchange Resins, by M. S. Gidrasov, I. N. Plaksin, 14 pp.

RUSSIAN, per, Iz Vyasshikh Uchebnykh Zavedeniy, Tsvetnaya Metallurgiya, No 1, Ordzhonikidze, 1959, pp 74-81.

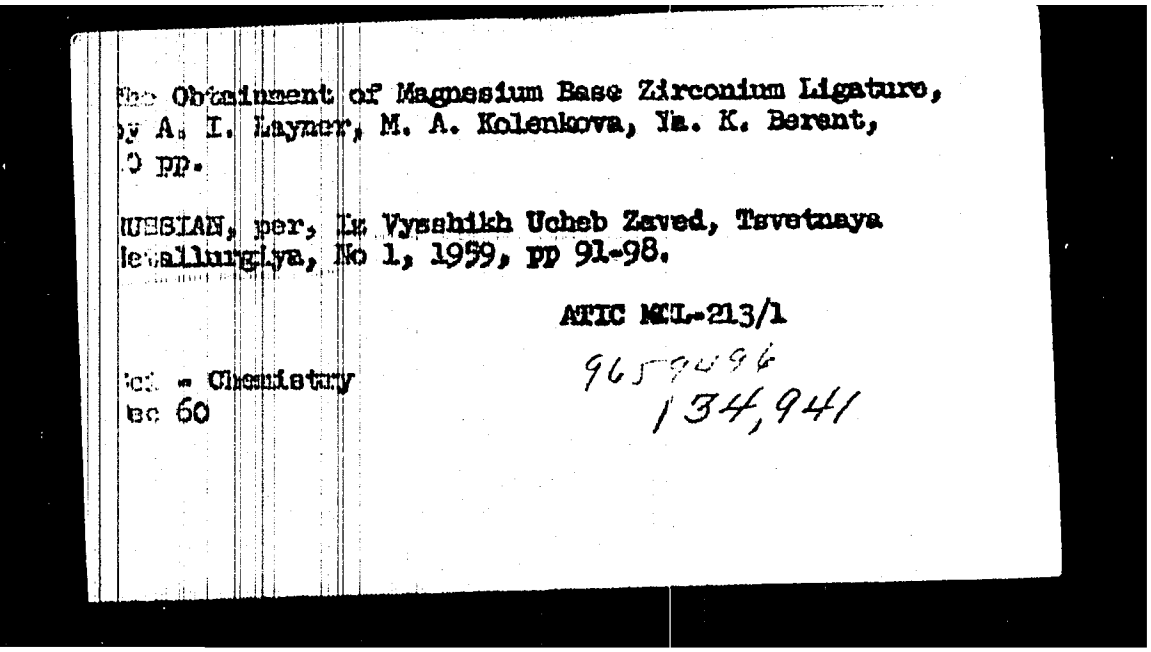
JPRS-1927-N

99,433

Sci - Min/Met
Oct 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



The Obtainment of Magnesium Base Zirconium Ligature,
by A. I. Layner, M. A. Kolenkova, Ya. K. Berent,
10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvetnaya
Metallurgiya, No 1, 1959, pp 91-98.

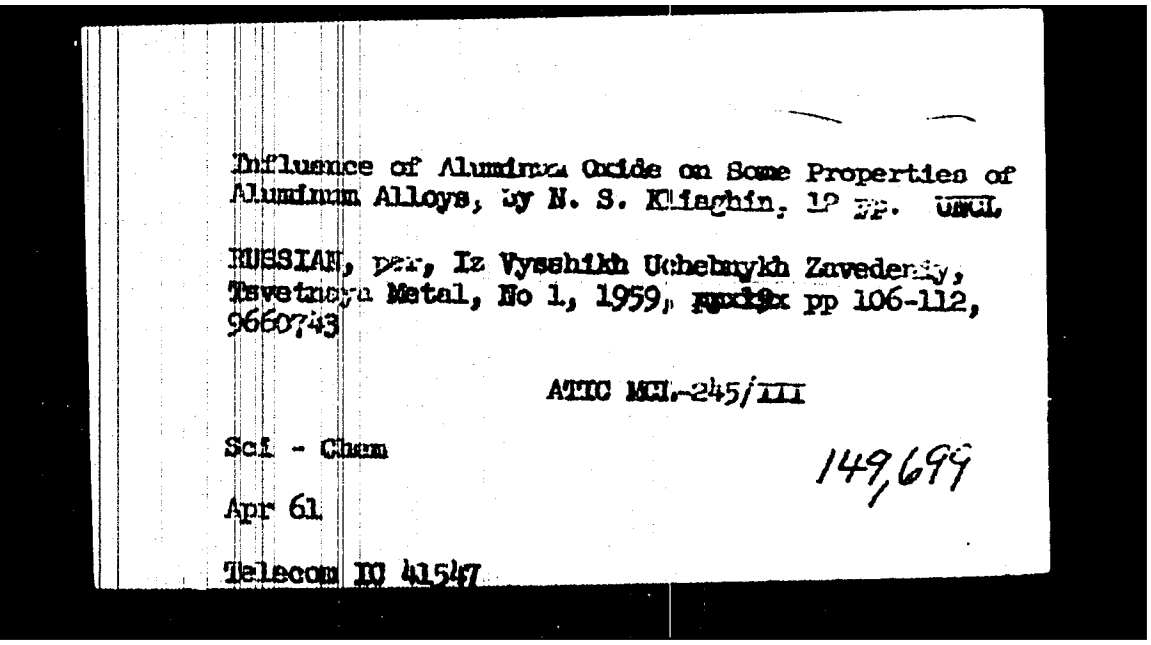
ATIC MCL-213/1

965096
134,941

Sci - Chemistry
Sec 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Influence of Aluminum Oxide on Some Properties of Aluminum Alloys, by N. S. Kliachin, 12 pp. UNCL.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedenij, Tsvetnaya Metal, No 1, 1959, pp 106-112, 9660743

ATIC MCL-245/III

Sci - Chem

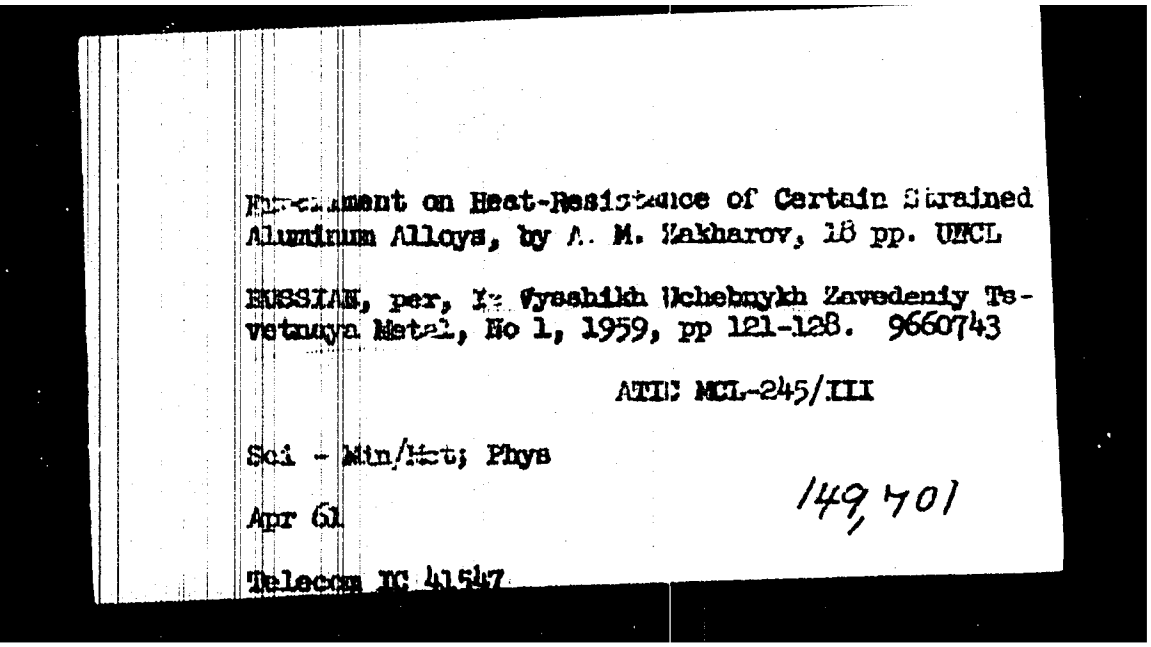
149,699

Apr 61

Telecom III 41547

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Effect of Heat-Resistance of Certain Strained Aluminum Alloys, by A. M. Zakharov, 18 pp. UNCL

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy Tsvetnaya Metal, No 1, 1959, pp 121-128. 9660743

ATIC MCL-245/III

Sci - Min/Met; Phys

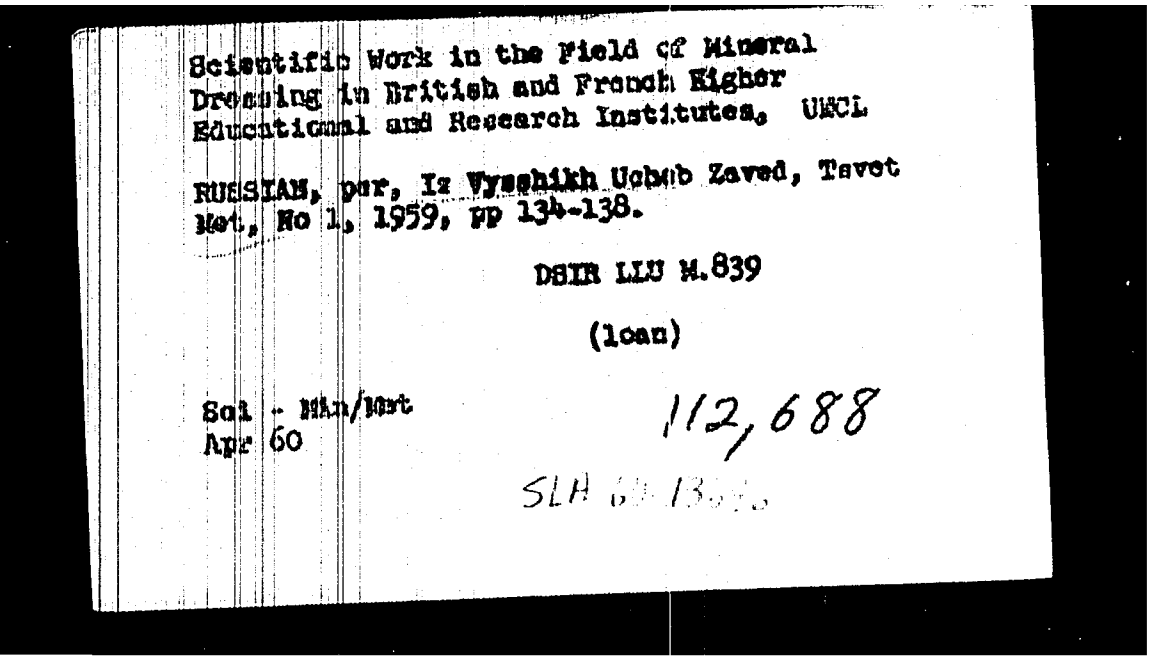
Apr 61

149,701

Telecon TC 41547

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Scientific Work in the Field of Mineral Dressing in British and French Higher Educational and Research Institutes. UKCL

RUSSIAN, pur, Iz Vysshikh Uchob Zaved, Tsvet Met., No 1, 1959, pp 134-138.

DSIR LLU M.839

(loan)

Sal - Min/Met
Apr 60

112,688

SLA [illegible]

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Influence of Flotation Reagents on the
Linear Adsorption of Flotation Oils Over
a Three-Phase Wetting Perimeter, by
S. I. Khokhlin, R. I. Cheremukhina.

RUSSIAN, per, Iz Vysshikh Uchab Zaved Tsvet
Metall, No 2, 1959, pp 27-35.

MLL M.3342

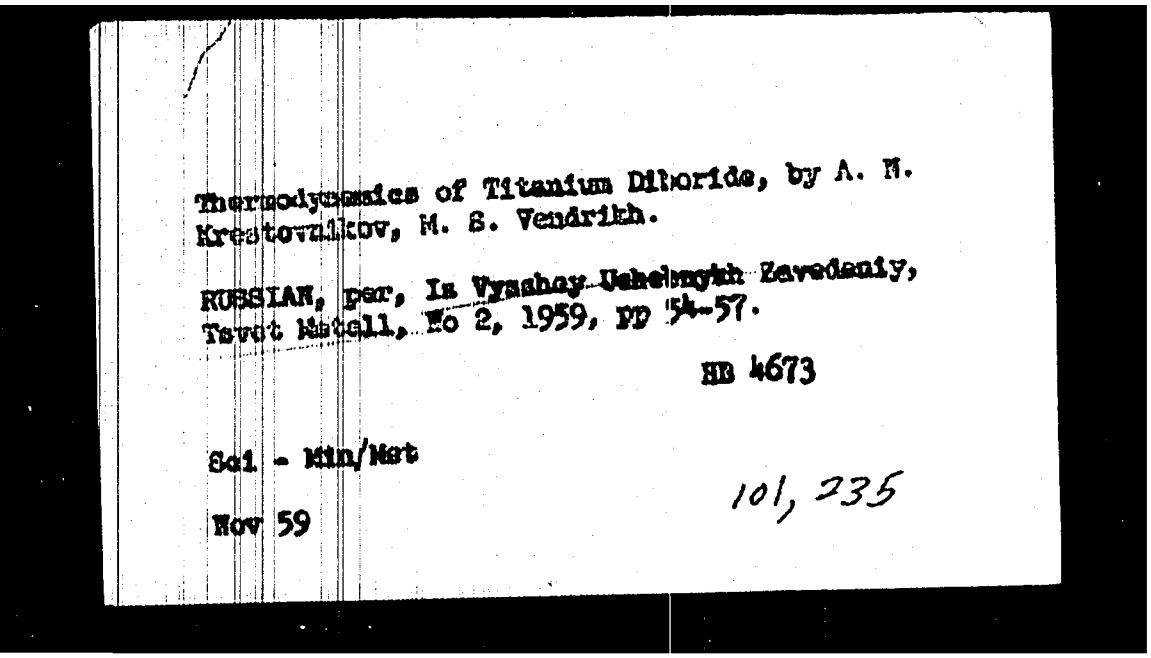
183,700

Sci - Fuels

Mar 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Thermodynamics of Titanium Dihoride, by A. M. Kreatovalkov, M. S. Vendrikh.

RUSSIAN, per, Iz Vyssbay Uchebnykh Zavedeniy, Tsvet Metall, No 2, 1959, pp 54-57.

HB 4673

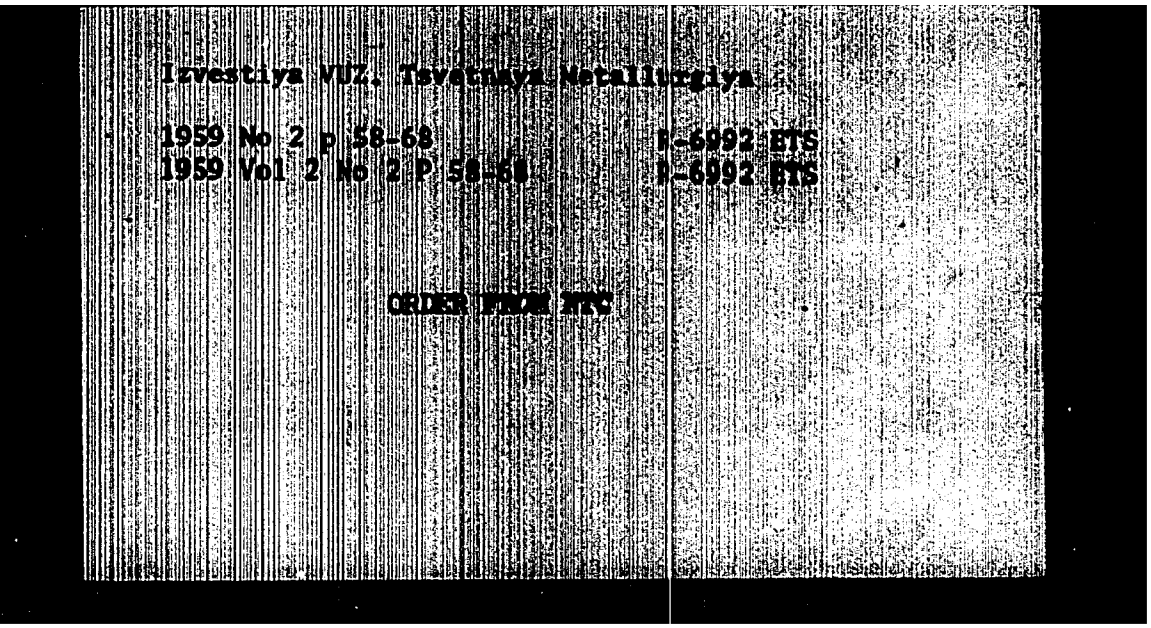
Sci - Min/Met

Nov 59

101, 235

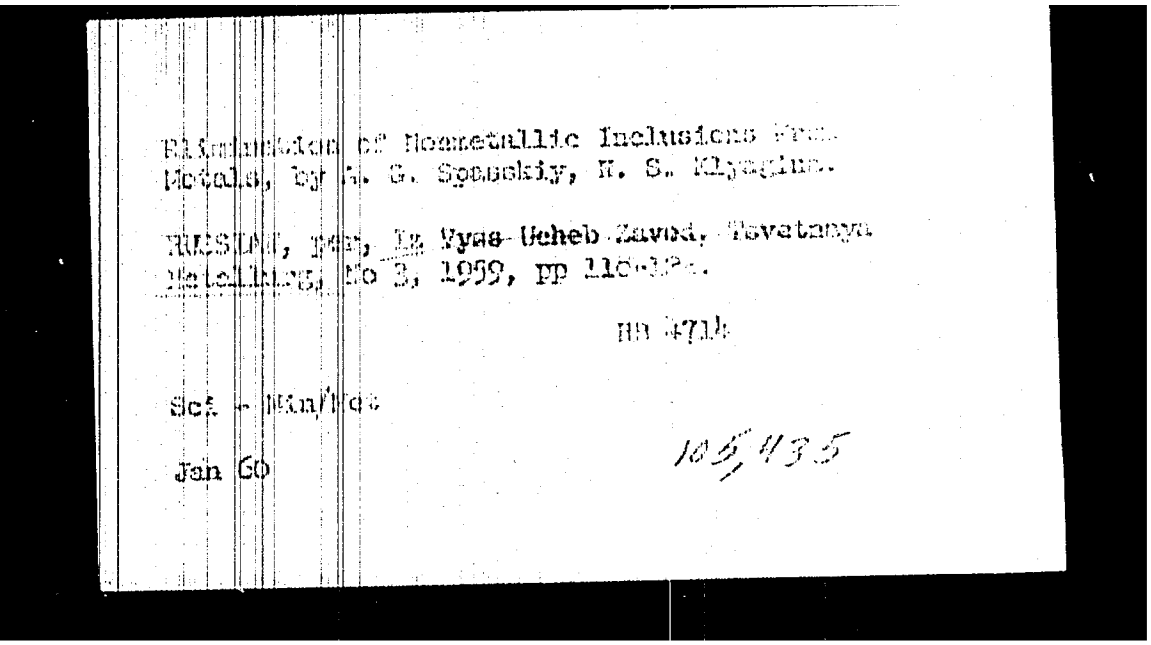
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Elimination of Nonmetallic Inclusions from Metals, by A. G. Spasskiy, N. S. Klyachin.

RUSSIAN, Pub, In Vyss Ucheb Zaved, Tsvetnaya Metallurgiya, No 3, 1959, pp 116-[illegible].

HB 4714

Sci - Mfg/Proc

Jan 60

105435

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

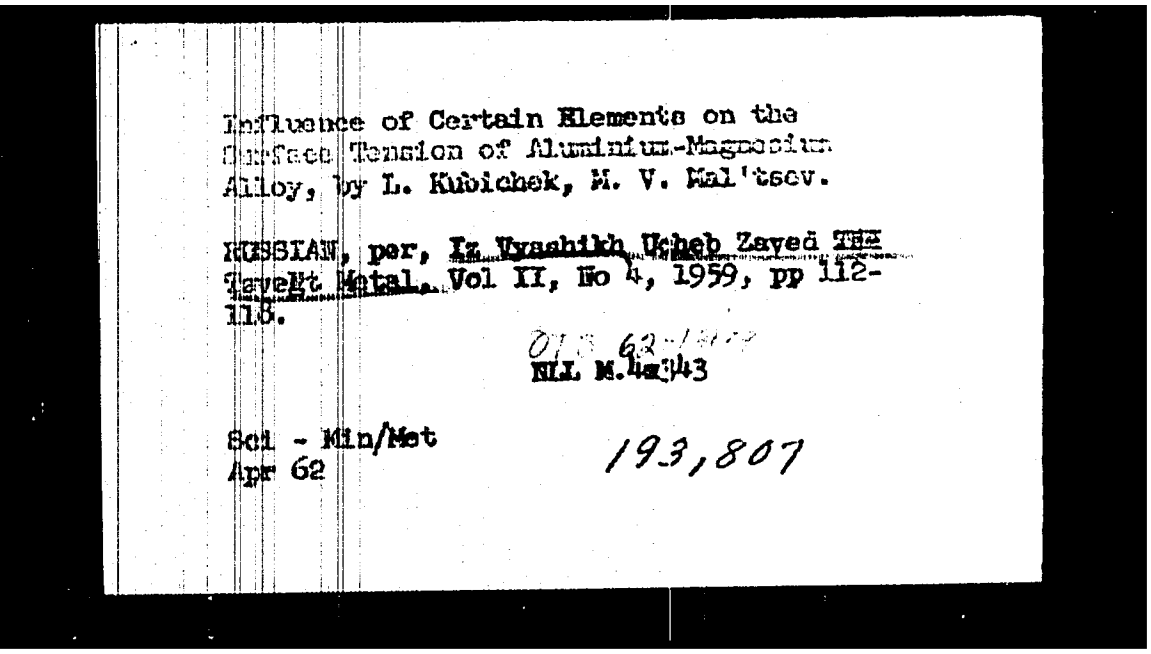
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Study of Flotation and Flotogravitation (Sink and Float Method) of Large Mineral Pieces by High-Speed Motion Picture Camera, by G. P. Slavin.
RUSSIAN, Izvestiya VUZ. Tsvetnaya Met., Vol 2, No 4, 1959, pp 44-51.
*NTIS TT 72-53010

Mar 72

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Influence of Certain Elements on the Surface Tension of Aluminium-Magnesium Alloy, by L. Kubichek, M. V. Mal'tsev.

RUSSIAN, per, Iz Vyashikh Uchab Zaved TSV Tavelt Metal. Vol II, No 4, 1959, pp 112-116.

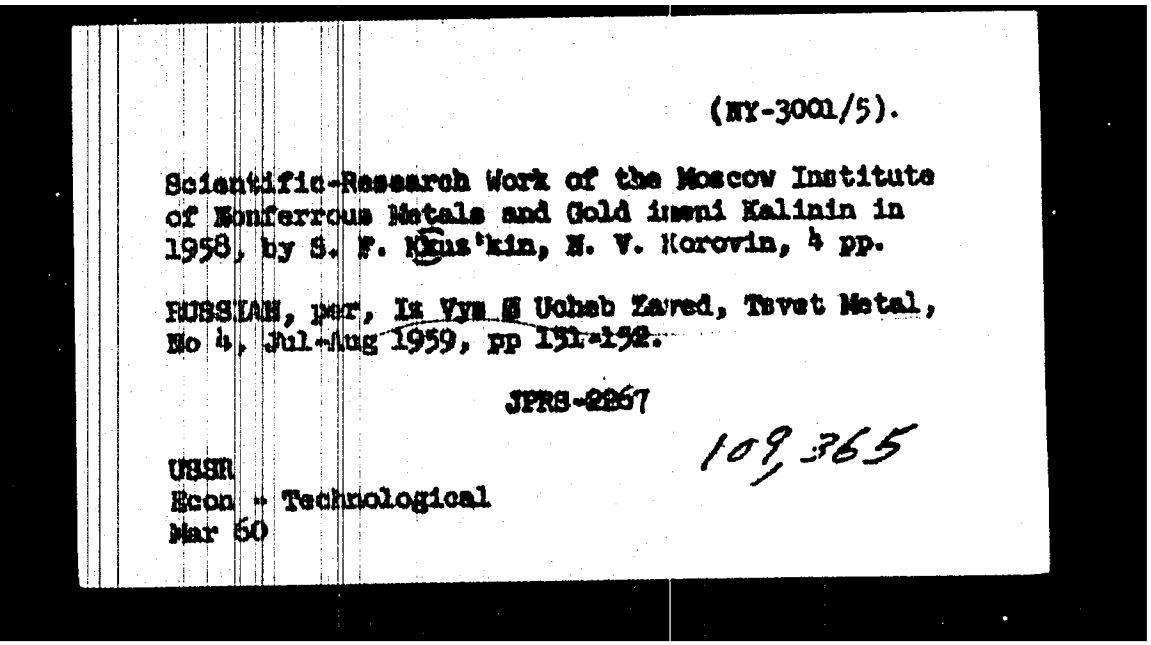
OTS 62-[illegible]
NLL M.4a 43

Sci - Min/Met
Apr 62

193,807

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(NY-3001/5).

Scientific-Research Work of the Moscow Institute of Nonferrous Metals and Gold imeni Kalinin in 1958, by S. F. Mgus'kin, N. V. Korovin, 4 pp.

RUSSIAN, per, Iz Vyz G Uchab Zaved, Tsvet Metal, No 4, Jul-Aug 1959, pp 151-152.

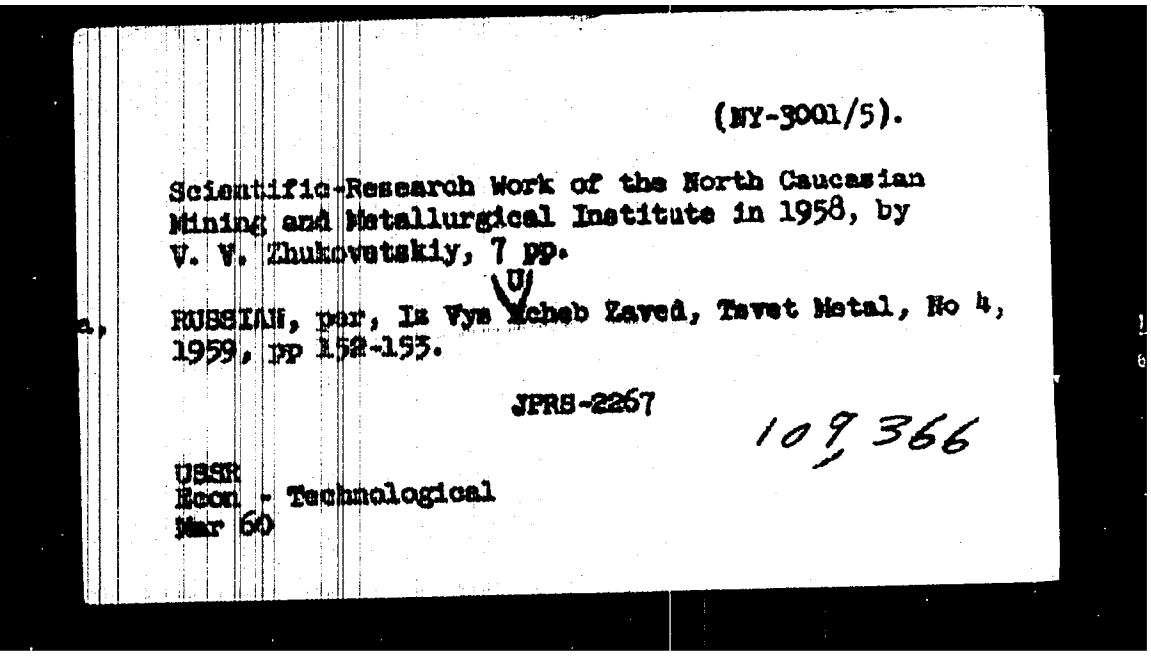
JPRS-2267

109-365

USSR
Econ - Technological
Mar 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(NY-3001/5).

Scientific-Research Work of the North Caucasian Mining and Metallurgical Institute in 1958, by V. V. Zhukovetskiy, 7 pp.

U/

RUSSIAN, par, Iz Vys Uchab Zaved, Tsvet Metal, No 4, 1959, pp 152-153.

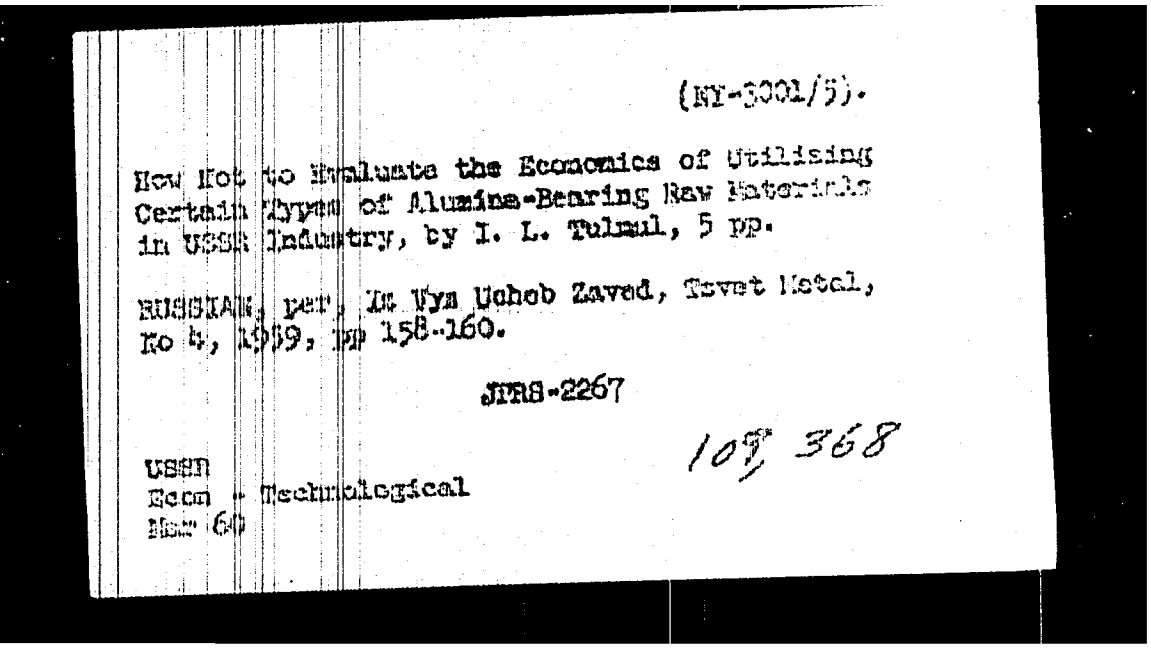
JPRS-2267

109,366

USSR
Econ - Technological
Mar 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(NY-3001/5).

How Not to Evaluate the Economics of Utilising Certain Types of Alumina-Bearing Raw Materials in USSR Industry, by I. L. Tulmul, 5 pp.

RUSSIAN, per, Iz Vys Uchob Zaved, Tsvet Metal, No 4, 1959, pp 158-160.

JPRS-2267

107 368

USSR
Econ - Technological
Mar 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Kolomitskii, E. M. and Ponomarev, V. D.
ELECTROLYTIC METHOD OF PREPARING TITANIUM FROM ITS DIOXIDE IN MELTS OF THE SYSTEM K_2TiF_6-NaCl (Ob Elektrolitcheskom Sposobe Polucheniya Titana iz Dvuokisi v Rasplavakh Sistemy K_2TiF_6-NaCl) tr. by M. Slade. [1962] [16]p. (foreign text included) 2 refs. [CSIRO] Trans. 5494.
Order from OTS or SLA $1.60 62-23715

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Tsvetnaya Metallurgiya (USSR) 1959, v. 2, no. 5, p. 106-112.

DESCRIPTORS: *Titanium, Titanium compounds, *Dioxides, *Fluorides, *Chlorides, *Alkaline earth metals, Melting, Preparation, *Electrolysis, Potassium compounds, Sodium compounds.

(Chemistry--Physical, TT, v. 8, no. 3) (over)

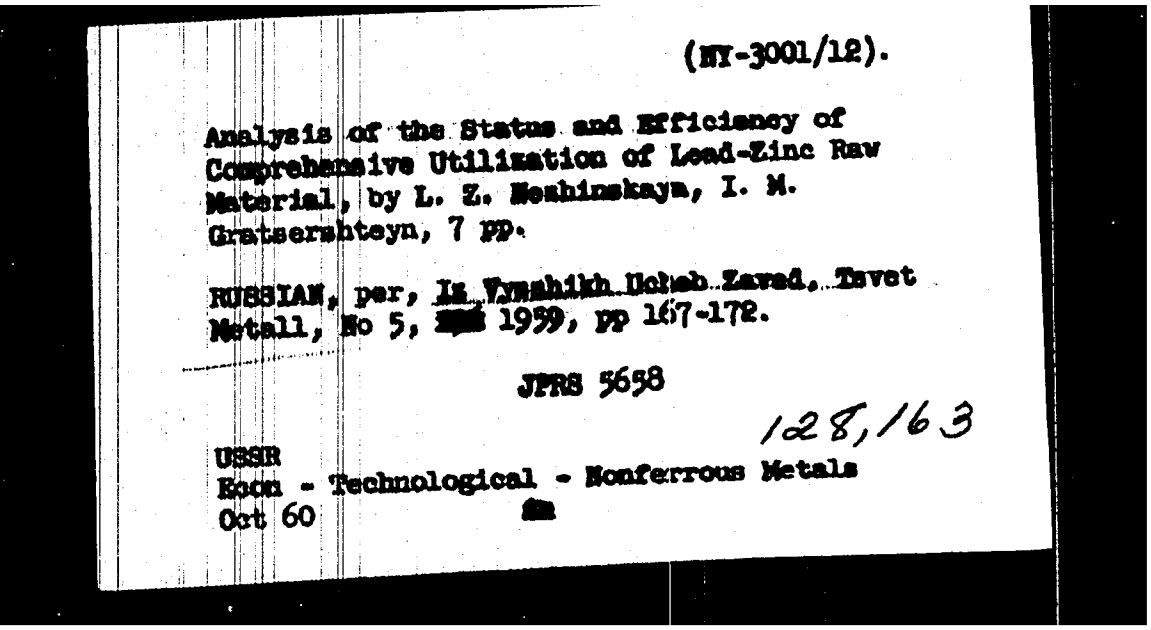
62-23715

I. Kolomitskii, E. M.
II. Ponomarev, V. D.
III. CSIRO Trans-5494
IV. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(NY-3001/12).

Analysis of the Status and Efficiency of Comprehensive Utilization of Lead-Zinc Raw Material, by L. Z. Meshinskaya, I. M. Gratsershteyn, 7 pp.

RUSSIAN, per, Iz Vysshikh Uchneb Zaved, Tsvet Metall, No 5, 1959, pp 167-172.

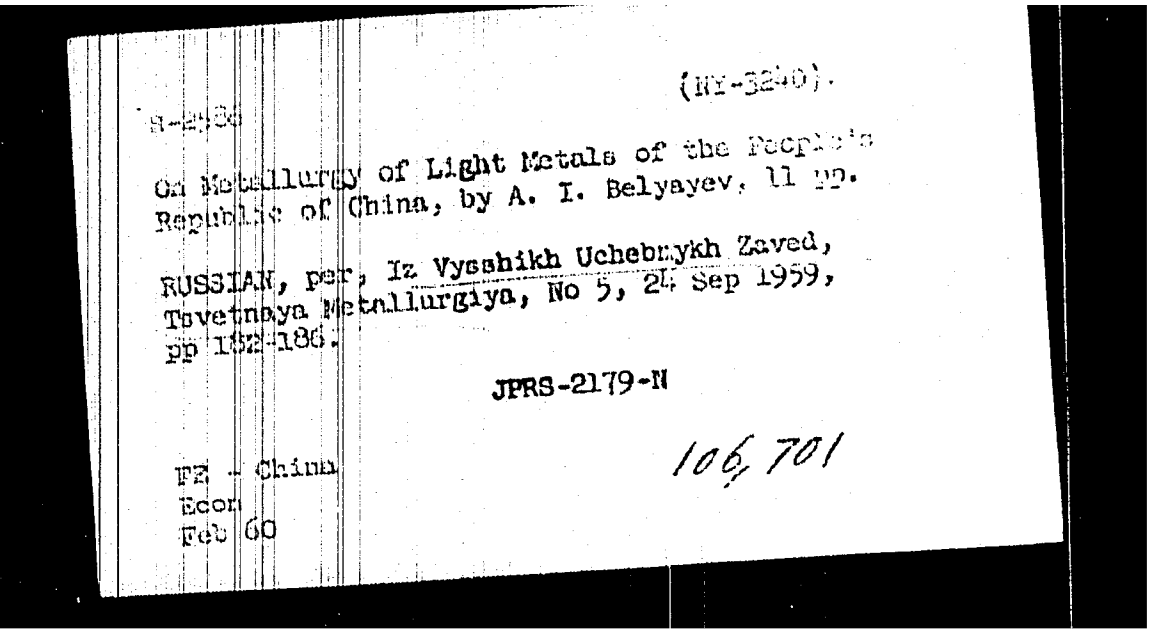
JPRS 5658

128,163

USSR
Econ - Technological - Nonferrous Metals
Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(NY-3240).

S-2130

On Metallurgy of Light Metals of the People's Republic of China, by A. I. Belyayev, 11 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zaved, Tsvetnaya Metallurgiya, No 5, 24 Sep 1959, pp 182-186.

JPRS-2179-N

106,701

FE - China
Econ
Feb 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

(NY - 3240).

R-2586

Rare Metals in the People's Republic of China, by A. N. Zelikman,

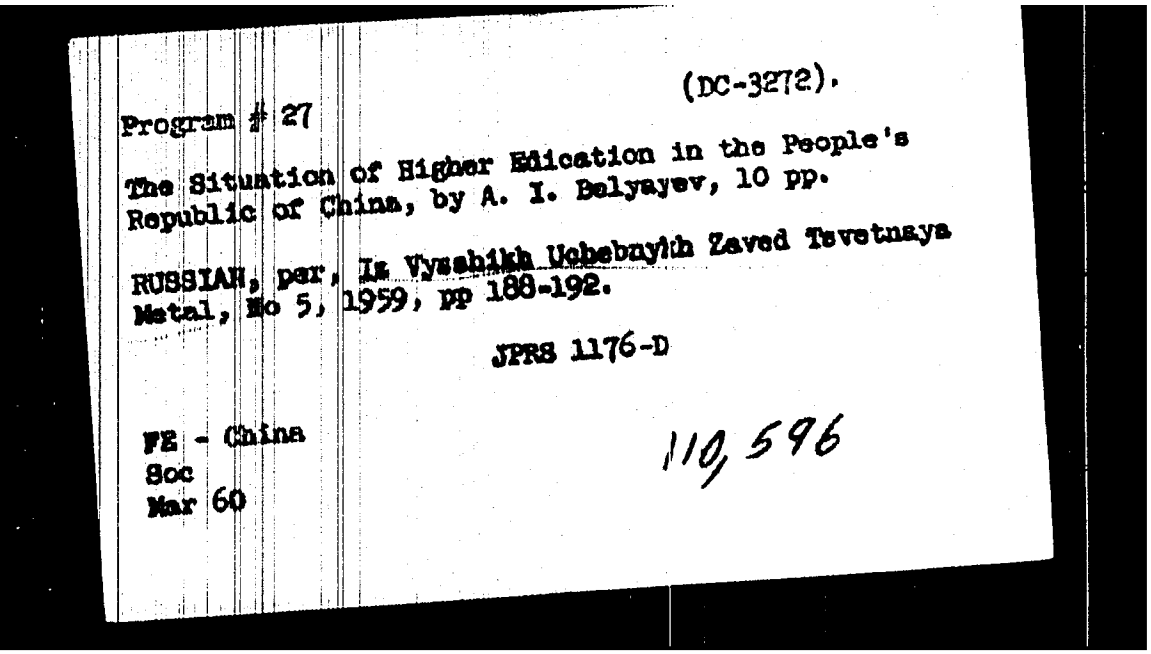
RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedniy, Tsvetnaya Metallurgiya, No 5, 24 Sep 1959, pp 186-187

*JPRS

FE - China
Econ
Nov 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(DC-3272).

Program # 27

The Situation of Higher Edication in the People's Republic of China, by A. I. Belyayev, 10 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zaved Tsvetnaya Metal, No 5, 1959, pp 188-192.

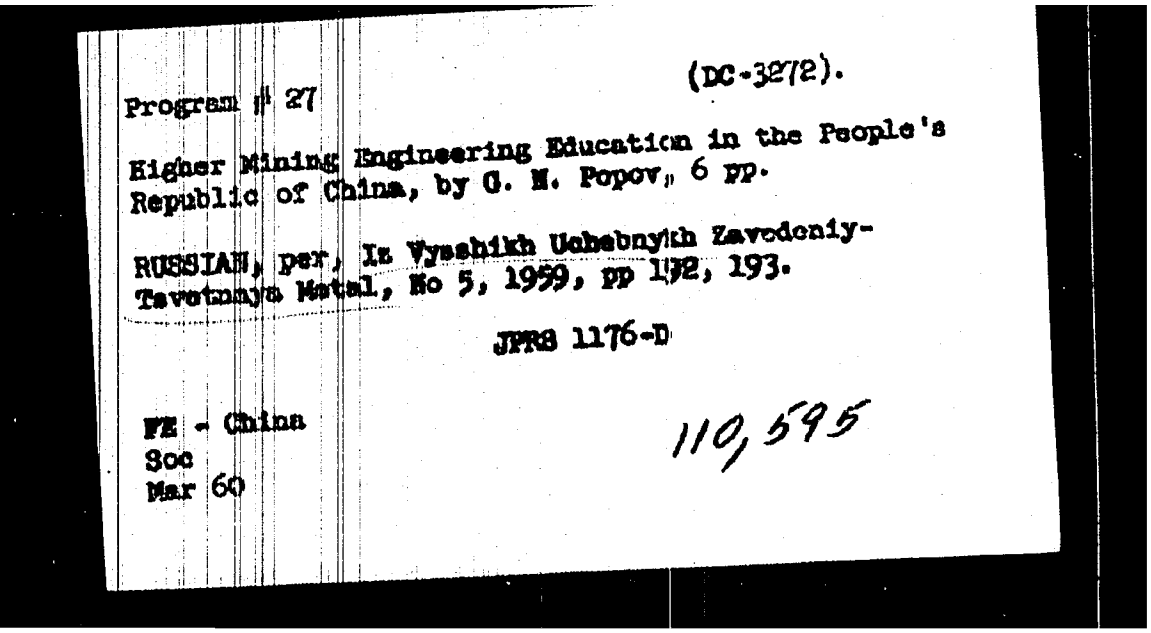
JPRS 1176-D

FE - China
Soc
Mar 60

110,596

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(DC-3272).

Program # 27

Higher Mining Engineering Education in the People's Republic of China, by G. M. Popov, 6 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy-Tsvetnaya Metal, No 5, 1959, pp 192, 193.

JPRS 1176-D

FE - China
Soc
Mar 60

110,595

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

(NY-3001/7)

The Possibility of Heavy-Suspension Concentration of Ores From the Nerchinsk Deposits, by S. V. Bessonov, I. M. Kulikov, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 47-51.

JPRS 2978

USSR

Econ - Technological

Aug 60

121,561

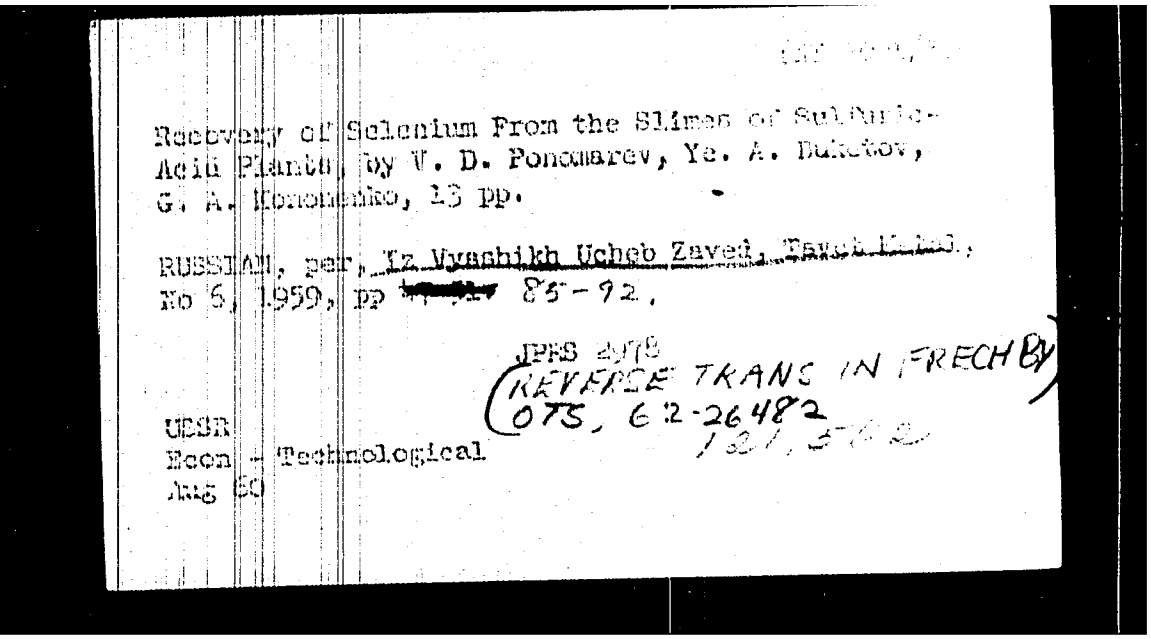
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Electrochemical Study of the Interaction of Metallic Iron with Liquid Slags, by S. E. Vayntsurd, V. L. Khayfets.
RUSSIAN, per, Izvestiya Akad Nauk SSSR, VUZ, Tsvetnaya Metallurgiya, Vol 2, No 6, pp 76-84, 1959
9229745
AEC UCRL-Tr-1222

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Recovery of Selenium From the Slimes of Sulfuric-Acid Plants, by V. D. Ponomarev, Ye. A. Dukelov, G. A. Kononenko, 13 pp.

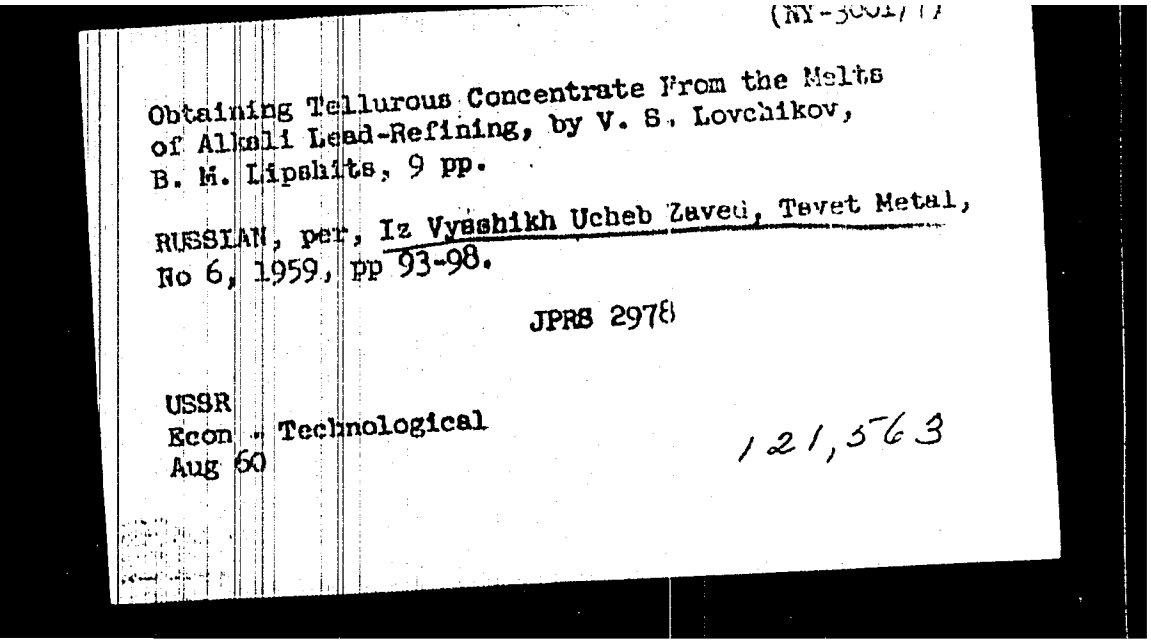
RUSSIAN, per, Iz Vysshikh Uchob Zaved, Tsvet Metal., No 6, 1959, pp 85-92.

JPRS 2078
(REVERSE TRANS IN FRENCH)
OTS, 60-26482

USSR
Econ - Technological
Aug 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



(NY-30017)

Obtaining Tellurous Concentrate From the Melts of Alkali Lead-Refining, by V. S. Lovchikov, B. M. Lipshits, 9 pp.

RUSSIAN, per, Iz Vyashikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 93-98.

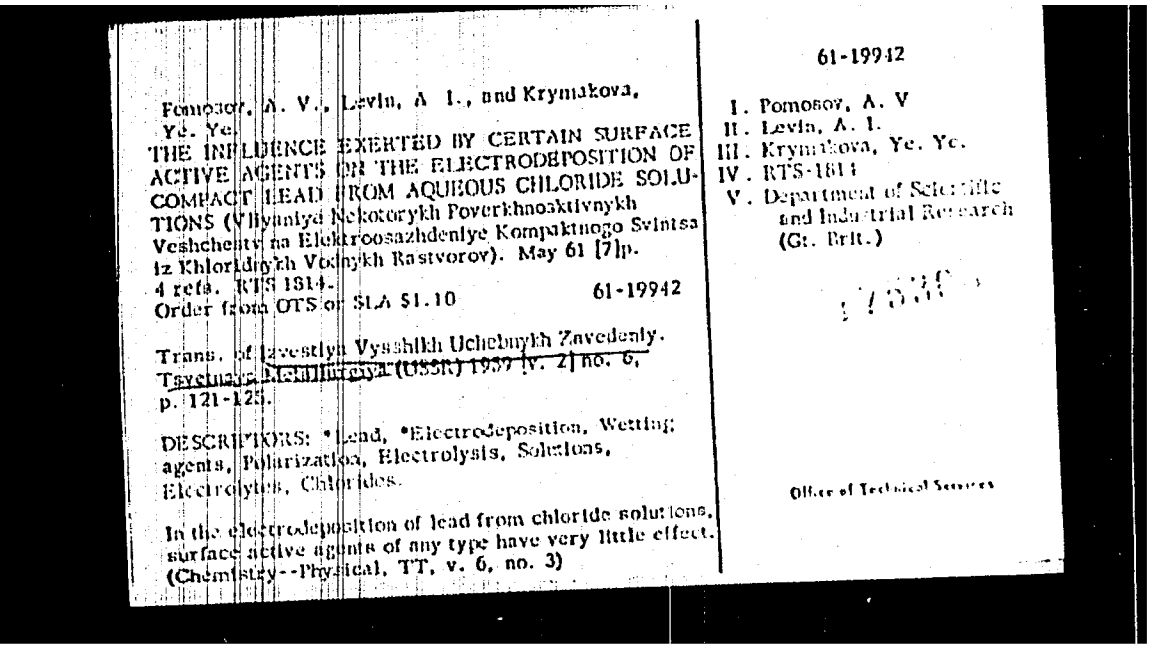
JPRS 2978

USSR
Econ - Technological
Aug 60

121,563

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Pomosov, A. V., Levin, A. I., and Krymakova, Ye. Ye.
THE INFLUENCE EXERTED BY CERTAIN SURFACE ACTIVE AGENTS ON THE ELECTRODEPOSITION OF COMPACT LEAD FROM AQUEOUS CHLORIDE SOLUTIONS (Vliyaniye Nekotorykh Poverkhnostnykh Veshchestv na Elektroosazhdeniye Kompaktnogo Svintsa Iz Khloridnykh Vodnykh Rastvorov). May 61 [7]p. 4 refs. RTS 1814.
Order from OTS or SLA $1.10 61-19942

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniy. Tsvetnaya Metallurgiya (USSR) 1959 [v. 2] no. 6, p. 121-125.

DESCRIPTORS: *Lead, *Electrodeposition, Wetting agents, Polarization, Electrolysis, Solutions, Electrolytes, Chlorides.

In the electrodeposition of lead from chloride solutions, surface active agents of any type have very little effect. (Chemistry--Physical, TT, v. 6, no. 3)

61-19942

I. Pomosov, A. V
II. Levin, A. I.
III. Krymakova, Ye. Ye.
IV. RTS-1814
V. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Vapor Tension and Fusion Dissociation in the $NaF-AlF_3$ System, by M. M. Vetyukov, M. L. Blyushtein, V. P. Poddymov.

RUSSIAN, per, Iz Vysshikh Uchebn Zaved, Tsvetnaya Metal, Vol II, No 6, 1959, pp 126-132.

OTS 61 27880

Soi
Mar 62

189,542

Vol VII, No 2

(NY-3001/7)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Influence of Cold Deformation on the Properties of Alloys Rich of the System Al-Cu and Al-Cu-Mg in the Artificially Aged State, by Z. A. Sviderskaya.

RUSSIAN, per, Is Vysshikh Uchab Zaved, Tsvet Metall, No 6, 1959, pp 158-161.

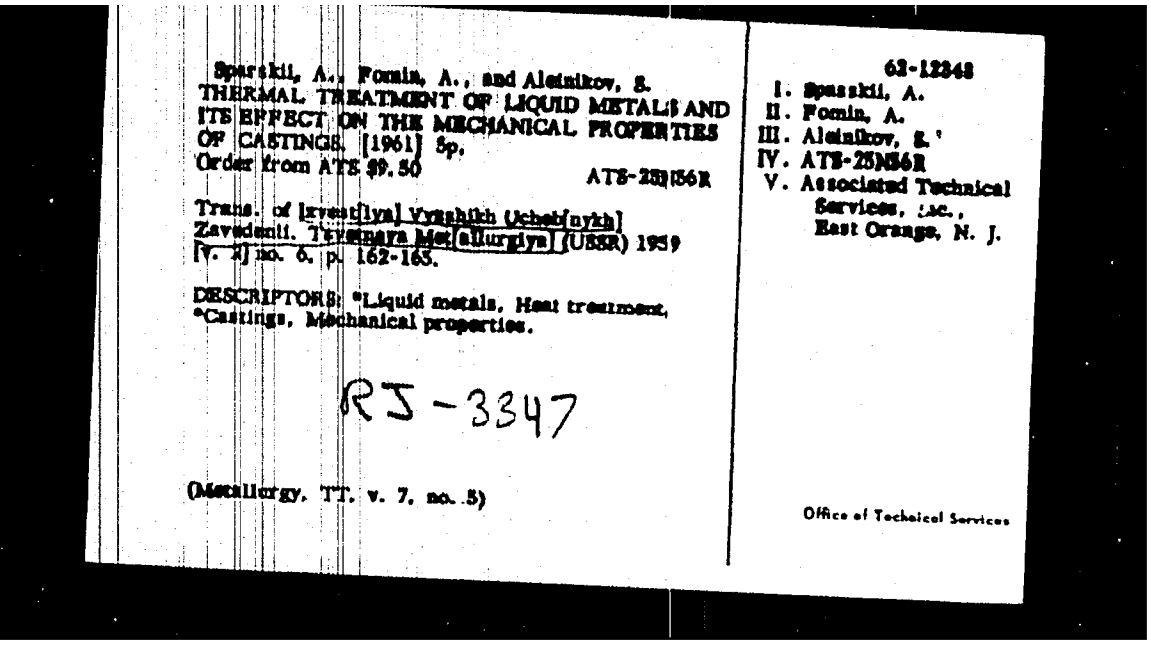
MLL M.4344
OTS 62-13140
193,811

Sci - Min/Met

Apr 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



Spasskii, A., Fomin, A., and Aleinikov, S.
THERMAL TREATMENT OF LIQUID METALS AND ITS EFFECT ON THE MECHANICAL PROPERTIES OF CASTINGS. [1961] 5p.
Order from ATS $9.50 ATS-25356R

Trans. of [Izvestiya] Vysshikh [Uchebnykh] Zavedenii. Tsvetnaya Metallurgiya (USSR) 1959 [v. 2] no. 6. p. 162-165.

DESCRIPTORS: *Liquid metals, Heat treatment, *Castings, Mechanical properties.

RJ-3347

(Metallurgy. TT. v. 7. no. 5)

62-12348
I. Spasskii, A.
II. Fomin, A.
III. Aleinikov, S.
IV. ATS-25356R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

(NY-3001/7)

The Bases for an Economic Evaluation of Mineral Deposits in a Socialist Economy, by S. Ya. Rachkovskiy, 14 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 6, 1959, pp 185-194.

JPRS 2978

USSR
Econ - Technological
Aug 60

121,557

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

The Effect of Polyvalent Metal Salts on the Flotation of Non-Sulphide Minerals Using Sodium Alkyl-Sulphate, by S. I. Pol'kin, G. M. Shapovalov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvetnaya Metal, No 1, 1960, pp 29-34.

DSIR LLU RTS 1615

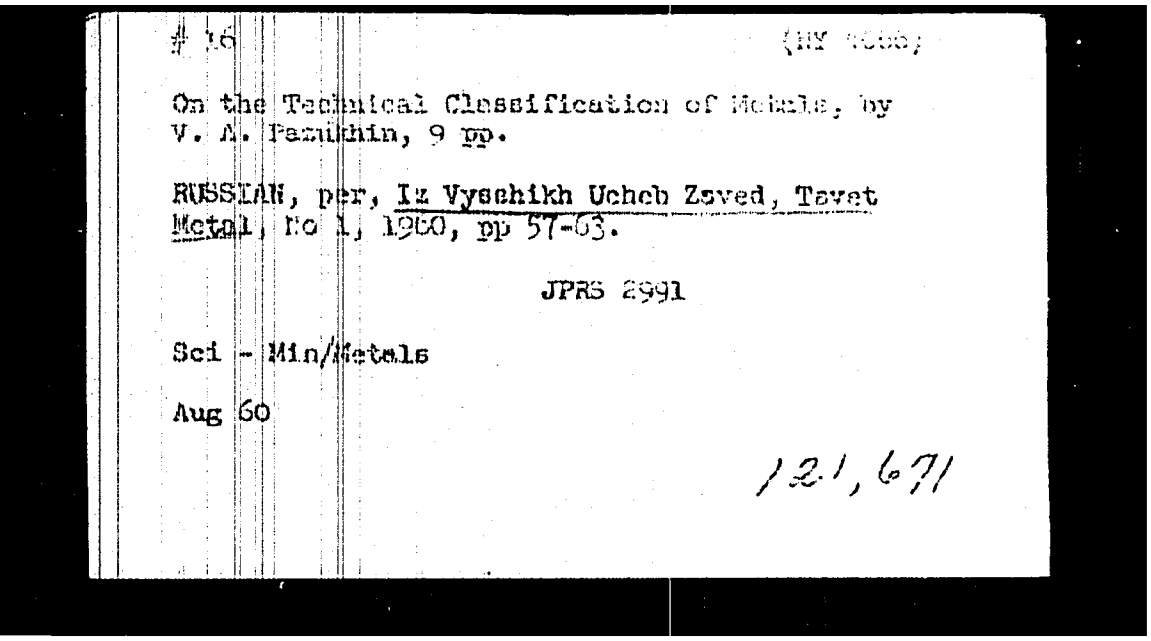
Sci - Chem

Oct 60

130,725

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7



16 (NY 4088)

On the Technical Classification of Metals, by V. A. Pazukhin, 9 pp.

RUSSIAN, per, Iz Vysshikh Uchob Zaved, Tsvet Metal, No 1, 1960, pp 57-63.

JPRS 2991

Sci - Min/Metals

Aug 60

121,671

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

18 (NY-4969)

Conference on the Use of Ion Exchange Resins in Hydrometallurgy and Machine Building, by A. I. Sinel'nikova, 4 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metal, No 1, 1960, pp 165, 166.

JPRS 5067

Sci - Engr - Metal

Aug 60

121,834

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Kalmakov, A. A.
THE USE OF A GOLD ELECTRODE AS AN INDICATOR FOR SOME FLOTATION REAGENTS. [1961]
[4]p. 4 refs. Warren Spring Lab. Trans. NT. 820;
DSIR LLU M. 3060.
Order from OTS or SLA $1.10 61-27559

Trans. of Izv[estiya] Vyssh[ikh] Ucheb[nykh] Zave[denii]. Tsvetnaya Metallurgiya (USSR) 1960 [v. 3] no. 2, p. 40-42.

DESCRIPTORS: *Flotation, *Reagents, Xanthogenates, Cyanides, Sodium compounds, Sulfides, Determination, *Gold, *Electrodes, Electrochemistry.

(Metallurgy, TT, v. 6, no. 9)

61-27559

I. Kalmakov, A. A.
II. DSIR NT-820
III. DSIR LLU M. 3060
IV. Department of Scientific and Industrial Research (Gt. Brit.)

25593

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Denisov, S. I.
THE DRESSING OF ARSENIC-COBALT ORES BY CHLORINATION. [1961] [5]p. 3 refs. Warren Spring Lab. Trans. NT821; DSIR LLU M. 3127.
Order from OTS or SLA $1.10 61-27535

Trans. of Izv[estiya] Vyssh[ikh] Uchebn[ykh] Zaved[enii]. Tsvetnaya Metallurgiya (USSR) 1960 [v. 3] no. 2, p. 69-73.

DESCRIPTORS: Arsenic, Cobalt, *Ores, Processing, Chlorination

Processing of arsenic-cobalt ores by chlorination with gaseous chlorine is possible in principle. The most easily chlorinated ores are the arsenide and arsenide-arsenate cobalt ores; the oxidised (arsenate) ores and slightly more difficult. The optimum chlorination temperature for arsenide and arsenide-aresnate ores (Metallurgy, TT, v. 6, no. 9) (over)

61-27535

I. Denisov, S. I.
II. DSIR NT-821
III. DSIR LLU M. 3127
IV. Department of Scientific and Industrial Research (Gt. Brit.)

25590

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

The Recovery of Gallium From Aluminium Plant Waste, by N. I. Yeremin.

RUSSIAN, per, Iz Vysshikh Uchob Zaved, Tsvetnaya Metal, No 2, 1960, pp 108-112.

MLL M. 3100

Sci - Min/Metals

Apr 62

189,830

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

The Advisability of Employing Oxygen Enriched Air for Reverbatory Smelting, by A.M. Davidson.

RUSSIAN, per, Iz VUZ Tsvet Metal, No 2, 1960, pp 132-134.

Primary Sources
CR-3201

Sci - Chem
Jul 61

159,941

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Eremin, N. I.
THE RECOVERY OF GALLIUM FROM ALUMINIUM PLANT WASTE. [1961] [6]p. 8 refs. Warren Spring Lab. Trans. NT822. DSIR LLU M.3100.
Order from OTS or SLA $1.10 61-27543

Trans. of Izv[estiya] Vyssh[ikh] Ucheb[nykh] Zaved[enii]. Tsvetnaya Metallurgiya (USSR) 1960 [v. 3] no. 2. p. 108-112.

DESCRIPTORS: *Gallium, Recovery, *Aluminum, Flotation, Processing, Ash, Chemical waste, Electrolysis, Coal, Cryolite, Chemical engineering.

The direct recovery of gallium from coal skimmings by this method, under laboratory conditions, was 80-82%. (Author)

(Metallurgy, TT, v. 6, no. 10)

61-27543

I. Eremin, N. I.
II. DSIR NT-822
III. DSIR LLU M. 3100
IV. Department of Scientific and Industrial Research (Gt. Brit.)

7355

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

Investigation of Solubilities of Chromium, Molybdenum, and Tungsten in Aluminum by the Microhardness Method, by V. N. Vigdorovich, RUSSIAN, per, Izv. VUZ Tsvetn. Met., No 2, 1960, pp 143-146.
AEC SC-T-66-0723

Sci-Mech
May 67

326,225

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

13 (NY-4098)

The Effect of Ternary Intermetallic Compounds on the Heat Resistance of Deformed Aluminum Alloys, by B. K. Vul'f, M. N. Chernov, 10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tsvet Metall, No 2, 1960, pp 147-152.

JPRS 2953

Sci - Min/Met

Jul 60

121,508

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7

ELECTROLYTIC REFINING OF NICKEL INSULPHATE-CHLORIDE AND CHLORIDE SOLUTIONS, BY A. I. ZHURIN.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED TSVET METAL, VOL III, NO 3, 1960, PP 54-61.

NLL M.2503

SCI - M/M

JUN 62 199,157

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130040-7